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FOOD AND AGRICULTURE ORGANIZATION
OF THE UNITED NATIONS

UNITED NATIONS
ENVIRONMENT PROGRAMME

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INVENTORY OF DATA ON CONTAMINANTS IN AQUATIC ORGANISMS

compiled by

Fishery Data Centre
Fisheries Department, FAO

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ROME, September 1978

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PREPARATION OF THIS PAPER

This Inventory is an output from the Data Bank on Contaminants in Aquatic Organisms established as part of a co-operative project of the United Nations Environment Programme entitled

DATA ON CONTAMINANTS IN AQUATIC ORGANISMS

with the Food and Agriculture Organization of the United Nations as co-operating agency.

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for distribution of short or ephemeral notes, lists, etc., including provisional versions of documents to be issued later in other series.

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1. INTRODUCTION

The Food and Agriculture Organization of the United Nations (FAO) is promoting and co-ordinating programmes and activities on the monitoring and conservation of the productive capacity of living aquatic resources for fisheries and on the interaction of man's activities and the environment, including the problems of waste disposal, pollution, and related food contamination.

Within this mandate priority is given to assisting developing countries in research, monitoring and evaluation of the state of the aquatic environment and its management in relation to the protection of living resources, fishing and aquaculture, particularly in inland and coastal areas and enclosed seas, where pollution presents urgent problems. In this respect the FAO regional fisheries bodies are promoting and co-ordinating regional co-operative programmes of their member countries, and a number of studies have been published or are being prepared reviewing the state of aquatic pollution in the areas concerned, developing water quality criteria for the protection of the living resources, and compiling data and information on contaminants in aquatic organisms relevant to fisheries.

Simultaneously with these activities, and in order to predict and prevent future degradation of the aquatic environment and resources, and to provide the basis for decision-making, FAO has taken steps to facilitate the exchange of information and experience among countries, and to identify, evaluate and make available referral services to member states through its Fishery Data Centre in co-operation with the appropriate national institutions and in collaboration with regional scientific bodies and other institutions concerned.

Following Recommendation 91 of the UN Conference on the Human Environment (Stockholm, June 1972), information on the level of contaminants in various organisms, especially those of commercial importance, was included in the programme of work of the FAO Fishery Data Centre and in July 1973 as a first phase of a long-term programme the Data Centre distributed to marine and freshwater institutions around the world a questionnaire designed to collect information on programmes being undertaken to analyze and measure contaminants in aquatic organisms.

The results of this survey were published in a Directory of Institutions engaged in Pollution Investigations - Contaminants in Aquatic Organisms, in March 1974 and in a revised computerized edition in August 1974 (FAO Fisheries Circular No. 325, Rev. 1, Rome, August 1974).

While this publication provided a comprehensive summary of activity areas, it was felt that a data inventory should be produced in order to meet management requirements for specific data (e.g. mercury in North Atlantic swordfish).

Accordingly a FAO/UNEP Expert Consultation on Contaminant Monitoring - Data on Contaminants in Aquatic Organisms was convened in November 1974 in order to design a questionnaire suitable for meeting the above requirements (FAO Fisheries Report No. 161). This questionnaire was distributed in March 1975 to those institutes included in the first directory as well as several institutes which had entered the system since August 1974.

The first edition of the Inventory containing the information received as of 31 December 1975 was published in 1976 (FAO Fisheries Circular No. 338, Rome, February 1976).

In 1977 a second set of questionnaires was distributed to all the institutions which had not responded to the first questionnaire, as well as to those institutions that had indicated their interest in being included in the system.

The present version of the Inventory includes information received as of 31 December 1977.

2. USE OF THE INVENTORY

The Inventory consists of the following parts :

Index	1	Index by contaminant by host
"	2	Index by host by contaminant
"	3	Index by geographical area
"	4	Index by country of project
"	5	Details of project activities

The indexes 1 to 4 are displayed in alphabetical order and include the page numbers of the details of project activities (section 5) where the index identifiers occur. The project activities listed in section 4 are not in any order and can only be retrieved through the indexes. For example, should the user be looking for data on total mercury in Thunnus alalunga, he could find an inventory of such information on pages 009, 057, 101, 103, etc. Note that the indexes suppress categories where one criterion is missing, i.e. if no contaminant is listed for a particular species it will not appear in the index. The types of information available to the user in section 4 include :

(i) Name of project, institute where located, project leader, telephone/telex number, date for which information is valid

(ii) Project status, name of programme to which project belongs (if any), purpose of project, indication of whether or not project attempts to identify possible biological accumulators or substances not so far identified as contaminants

(iii) Details of data collection/storage by host (and by bodily part of host - not displayed) by contaminant by geographical area by water body type (code only is displayed). Following is the code file :

Type of Water Body Sampled

Freshwater

210 Aquacultural installation
211 Lake
212 River

Brackish water

220 Aquacultural installation
221 Lake
222 Swamp
223 Estuary
224 Lagoon
225 Coastal
226 Offshore

Marine water

230 Aquacultural installation
231 Lagoon
232 Coastal (inter-tidal and flats)

Details of Data Elements

- associated data collected (length, weight, etc.)
- preservation method
- origin of samples
- whether or not consumed by humans
- number of stations sampled
- annual frequency by which stations sampled
- total number of samples collected per year
- whether or not simultaneous water/sediment samples are collected
- years of start and end of data
- form in which data are stored
- bioassay information

In composing the detailed project tables, some of the data elements have been abbreviated. A complete list of the headings and abbreviations is given below :

HOST SUBSTANCE	
CONTAMINANT	
CALBRTD	CALIBRATED
SAMPLE DESCRPTN	SAMPLE DESCRIPTION
LENGTH	
WEIGHT	
AGE	
DEVSTG	DEVELOPMENT STAGE
PRESERVATION METHOD	
NOT	NOT PRESERVED
ICED	
FROZEN	
SALTED	
DRIED	
FORML	FORMALDEHYDE
ALCOHL	ALCOHOL
OTHER	
SAMPLE ORIGIN	
FIELD	
COMRCL	COMMERCIAL
AQCLTR	AQUACULTURE
OTHER	
HUMCONSP	HUMAN CONSUMPTION
NUMB STNS	NUMBER OF STATIONS
ANNL FREQ	ANNUAL FREQUENCY
NUMBER/YEAR	NUMBER PER YEAR
SIMWATER	SIMULTANEOUS WATER/SEDIMENT
RAW DATA	
YR ST	START YEAR
YR EN	FINISH YEAR
COMP	COMPUTERIZED
INHSE	IN-HOUSE REPORTS
PUBLSH	PUBLISHED
BIOASSAYS	
TOXCTY	TOXICITY
FDCHN	EXPERIMENTAL FOOD CHAIN
OTHBIO	OTHER BIOASSAY
GEOGRAPHIC AREA	
WATCOD	TYPE OF WATER BODY

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DATE 771208 INSTITUTE(A23) DEPARTMENT OF RESEARCH AND PROTECTION OF THE RESOURCES AND AQUATIC ENVIRONMENT(DGIP) PRACA DUQUE DE TERCEIRA,24-2 DT LISBOA PORTUGAL

PROJECT(C60) - SCIENT.BASIS FOR MONITOR.SYST.IN THE AQUATIC RESOUR.& ENVIR. DATA VALID AS OF 10/02/77

LEADER LIMA C.,VALE C. TELEPHONE 365613 TELEX/CABLE 12696/SEP

FUNDING - NATIONAL CURRENCY 3000000 US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/75
OPERATIONAL	/75	CONTINUING

SUB-PROGRAMME OF ICES-ICNAF-OSLO COMMISSION

PURPOSE OF PROJECT

PROGRAMME TO STUDY LEVELS OF CONTAMINANTS IN COMMERCIAL FISHES OF COASTAL AREA & INLAND WATERS FOR NATIONAL PURPOSES & AS A CONTRIBUTION TO REGIONAL & INTERNATIONAL AQUATIC POLLUTION RESEARCH & MONITORING PROGRAMMES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MERLUCCIUS MERLUCCI	BHC-ALPHA	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
MERLUCCIUS MERLUCCI	BHC-GAMMA	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
MERLUCCIUS MERLUCCI	DIELDRIN	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
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MERLUCCIUS MERLUCCI	DDT-PP	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
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MERLUCCIUS MERLUCCI	ORGANOPHOSPHOR	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
MERLUCCIUS MERLUCCI	PCB'S	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
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MERLUCCIUS MERLUCCI	CADMIUM	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
MERLUCCIUS MERLUCCI	SELENIUM	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
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PHYCIS BLENNIDIDES	TDE-PP	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	DDT-PP	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	DDT-OP	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	ORGANOPHOSPHOR	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	PCB'S	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	MERCURY-INORGA	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	MERCURY-ORGANI	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	COPPER	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	ZINC	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	CADMIUM	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	SELENIUM	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
PHYCIS BLENNIDIDES	LEAD	X	X	X		X			X							X			X		1	10		76								NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	BHC-ALPHA	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	BHC-GAMMA	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	DIELDRIN	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	DDE-PP	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	TDE-PP	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	DDT-PP	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	DDT-OP	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	ORGANOPHOSPHOR	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	PCB'S	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	MERCURY-INORGA	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	MERCURY-ORGANI	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	COPPER	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	ZINC	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	CADMIUM	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	SELENIUM	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SARDINA PILCHARDUS	LEAD	X	X	X	X	X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	BHC-ALPHA	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	BHC-GAMMA	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	DIELDRIN	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	DDE-PP	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	TDE-PP	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	DDT-PP	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	DDT-OP	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	ORGANOPHOSPHOR	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	PCB'S	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	MERCURY-INORGA	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	MERCURY-ORGANI	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	COPPER	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	ZINC	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	CADMIUM	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232

DATE 771208 INSTITUTE(AZ3) DEPARTMENT OF RESEARCH AND PROTECTION OF THE RESOURCES AND AQUATIC ENVIRONMENT(DGIP) PRACA DUQUE DE TERCEIRA,24-2 DT LISBOA PORTUGAL

PROJECT(C60) - SCIENT.BASIS FOR MONITOR.SYST.IN THE AQUATIC RESOUR.& ENVIR. DATA VALID AS OF 10/02/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTICED	ICED	FROZEN	SALTED	DRIED	FORMALN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SOLEA VULGARIS	SELENIUM	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
SOLEA VULGARIS	LEAD	X	X	X		X			X							X			X	7	1	10		75				X				NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	BHC-ALPHA	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	BHC-GAMMA	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	DIELDRIN	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	DDE-PP	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	TDE-PP	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	DDT-PP	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	DDT-OP	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	ORGANOPHOSPHOR	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	PCB'S	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	MERCURY-INORGA	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	MERCURY-ORGANI	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	COPPER	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	ZINC	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	CADMIUM	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	SELENIUM	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232
TRACHURUS TRACHURUS	LEAD	X	X	X					X							X			X	2	1	10		76								NORTH ATLANTIC	O 232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(A27) DEPARTMENT OF ZOOLOGY UNITED KINGDOM

THE QUEEN'S UNIVERSITY
BELFAST BT7 1NN

PROJECT(039) - HEAVY METAL SURVEY OF WATERS AND BIOTA STRANGFORD LOUGH DATA VALID AS OF 12/05/75

LEADER D. ROBERTS TELEPHONE 45133 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/75
OPERATIONAL	/75	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ESTABLISH ANY AREAS OF CONCERN IN THIS APPARENTLY UNPOLLUTED LOUGH AND COLLATE BASELINE DATA ON THE AREA. TO COMPARE WITH THE MORE POLLUTED BELFAST LOUGH

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHS	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BENTHOS	COPPER								X						X					10	12		X	75								IRISH SEA	232
BENTHOS	ZINC								X						X					10	12		X	75								IRISH SEA	232
BENTHOS	CADMIUM								X						X					10	12		X	75								IRISH SEA	232
BENTHOS	LEAD								X						X					10	12		X	75								IRISH SEA	232
FISHES-MARINE N.E.I	COPPER								X						X					10	12		X	75								IRISH SEA	232
FISHES-MARINE N.E.I	ZINC								X						X					10	12		X	75								IRISH SEA	232
FISHES-MARINE N.E.I	CADMIUM								X						X					10	12		X	75								IRISH SEA	232
FISHES-MARINE N.E.I	LEAD								X						X					10	12		X	75								IRISH SEA	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(A63) HERRING INDUSTRY & HERRING BUYERS ASSOCIATION LIMITED UNITED KINGDOM
NO.2,YOUNG STREET LANE,SOUTH
EDINBURGH EH2 4JQ

PROJECT(D17) - MONIT.PELAGIC FISH TO ASCERT.MERCURY OR HEAVY METALS PRESEN. DATA VALID AS OF 29/09/77

LEADER OTTO W.S.DYSON TELEPHONE 0312252515 TELEX/CABLE 727225

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	08/72	/
OPERATIONAL	/	CONTINUING

PURPOSE OF PROJECT

TO DETERMINE THE LEVELS OF MERCURY OR OTHER HEAVY METALS IN PELAGIC FISH CAUGHT IN WATERS AROUND U.K.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	CTHERS						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
CLUPEA HARENGUS	MERCURY-TOTAL	X								X					X				X		1	6-12		72									233
SARDINA PILCHARDUS	MERCURY-TOTAL	X								X					X				X		1	6-12		72									233
SCOMBER SCOMBRUS	MERCURY-TOTAL	X								X					X				X		1	6-12		72									233
SPRATTUS SPRATTUS	MERCURY-TOTAL	X								X					X				X		1	6-12		72									233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

GOVERNMENT DEPARTMENTS AND TRADE

DATE 771208 INSTITUTE(B02) CNEN-EURATOM LABORATORIO CONTAMINAZIONE MARINA ITALY
19030 FIASCHERINO DI LERICI (LA SPEZIA)

PROJECT(691) - DISTRIBUTION OF POLLUTANTS FROM NUCLEAR PLANTS DATA VALID AS OF 14/09/77

LEADER DR. BRONDI A. TELEPHONE 966496 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 630000000 US DOLLAR EQUIVALENT - STAFF OF 9

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/80
OPERATIONAL	/77	CONTINUING

SUB-PROGRAMME OF EEC

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO GET INFORMATION FROM FIELD AND LABORATORY TO ASSESS THE IMPACT OF CONVENTIONAL AND RADIOACTIVE POLLUTANTS FROM COASTAL NUCLEAR PLANTS. TO PARTECIPATE TO THE NATIONAL PROGRAMME IN MONITORING RADIOACTIVITY IN THE MARINE ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLW	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHW	OTHBIO	GEOGRAPHIC AREA	WAT COD
ENGRAULIS ENCRASICO	MERCURY-TOTAL	X	X	X					X							X			X	1	4	40		75			X	X				MEDITERRANEAN SE	233
ENGRAULIS ENCRASICO	ZINC	X	X	X					X							X			X	1	4	40		75			X	X				MEDITERRANEAN SE	233
ENGRAULIS ENCRASICO	CADMIUM	X	X	X					X							X			X	1	4	40		75			X	X				MEDITERRANEAN SE	233
ENGRAULIS ENCRASICO	LEAD	X	X	X					X							X			X	1	4	40		75			X	X				MEDITERRANEAN SE	233
MULLUS BARBATUS	MERCURY-TOTAL	X	X	X					X							X			X	1	4	40		75			X	X	X			MEDITERRANEAN SE	232
MULLUS BARBATUS	ZINC	X	X	X					X							X			X	1	4	40		75			X	X	X			MEDITERRANEAN SE	232
MULLUS BARBATUS	CADMIUM	X	X	X					X							X			X	1	4	40		75			X	X	X			MEDITERRANEAN SE	232
MULLUS BARBATUS	LEAD	X	X	X					X							X			X	1	4	40		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CS-137	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CO-60	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	RU-106	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZR-95	X	X	X			X								X				X	3	4	600		75			X	X	X			MEDITERRANEAN SE	232
PENAEUS KERATHURUS	MERCURY-TOTAL	X	X	X					X							X			X	1	4	20		75			X	X				MEDITERRANEAN SE	233
PENAEUS KERATHURUS	ZINC	X	X	X					X							X			X	1	4	20		75			X	X				MEDITERRANEAN SE	233
PENAEUS KERATHURUS	CADMIUM	X	X	X					X							X			X	1	4	20		75			X	X				MEDITERRANEAN SE	233
PENAEUS KERATHURUS	LEAD	X	X	X					X							X			X	1	4	20		75			X	X				MEDITERRANEAN SE	233
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X	X				X							X			X	1	1			75			X	X				MEDITERRANEAN SE	233
THUNNUS THYNNUS	ZINC	X	X	X	X				X							X			X	1	1			75			X	X				MEDITERRANEAN SE	233
THUNNUS THYNNUS	CADMIUM	X	X	X	X				X							X			X	1	1			75			X	X				MEDITERRANEAN SE	233
THUNNUS THYNNUS	LEAD	X	X	X	X				X							X			X	1	1			75			X	X				MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(B05) ISTITUTO D'IGIENE ITALY
UNIVERSITA DEGLI STUDI
VIA DELL'ISTRIA 65/1
34127 TRIESTE

PROJECT(C63) - MARINE POLLUTION BY METALS IN THE NORTHERN ADRIATIC SEA DATA VALID AS OF 12/05/77

LEADER MAJORI L. TELEPHONE 040-728303 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 18000000 US DOLLAR EQUIVALENT - 20000 STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/
OPERATIONAL	/71	CONTINUING

SUB-PROGRAMME OF C.N.R.

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

STUDY OF HEAVY METALS DISTRIBUTION IN THE BIOTIC & ABIOTIC COMPONENTS OF MARINE ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATICN METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCNSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOAS-SAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BELONE ACUS	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
BELONE ACUS	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
GOBIUS NIGER	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MUGIL CEPHALUS	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COPPER		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COPPER		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CHROMIUM		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CHROMIUM		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	NICKEL		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232

DATE 771208 INSTITUTE(B05) ISTITUTO D'IGIENE ITALY
UNIVERSITA DEGLI STUDI
VIA DELL'ISTRIA 65/1
34127 TRIESTE

PROJECT(C63) - MARINE POLLUTION BY METALS IN THE NORTHERN ADRIATIC SEA DATA VALID AS OF 12/05/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQUCLT	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS GALLOPROVIN	NICKEL		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	IRON		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	IRON		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MANGANESE		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MANGANESE		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COBALT		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COBALT		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD		X	X					X						X				X	4	30	360	X	74			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD		X	X					X						X				X	30	1	90		71			X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	BACTERIA			X			X								X				X	10	20	500	X	76			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	OTHER MICROORG			X			X								X				X	10	20	500	X	76			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
PLATICHTHYS FLESUS	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	MERCURY-TOTAL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	COPPER		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	ZINC		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	CHROMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	CADMIUM		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	NICKEL		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	IRON		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	MANGANESE		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	COBALT		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232
SQUILLA MANTIS	LEAD		X	X					X						X				X	2	2	40		75			X					MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REV.INTERN.OCEAN.MED.-L'IGIENE MODERNA-CIESM COMPTES RENDUS ETC.

DATE 771208 INSTITUTE(B07) ISTITUTO DI ZOOLOGIA E ANATOMIA COMPARATA ITALY

UNIVERSITA DI TRIESTE
VIA A.VALERIO 32
34100 TRIESTE

PROJECT(C51) - EFFETS DE LA POLLUTION SUR LES POPULATIONS PELAG. & BENTHIQ. DATA VALID AS OF 15/05/77

LEADER GHIRARDELLI E. TELEPHONE 750428 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 2000000 US DOLLAR EQUIVALENT - STAFF OF 5

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL / CONTINUING

SUB-PROGRAMME OF C.N.R.

PURPCSE OF PROJECT

LE TRAVAIL REGARDE LA POLLUTION SUR LES POPULATIONS PELAGIQUES ET BENTHIQUES DU GOLFE DE TRIESTE. ECHANTILLONS DE POISSONS, MOLLUSQUES & CUSTACES SONT RECOLTES POUR L'ETUDE DE LA DISTRIBUTION DES METAUX LOURDES & DES HYDROCARBURES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	NAT COD
ENGRAULIS ENCRASICO	OIL(BY INFRARE								X							X				1	4	32		76	77		X				X	ITALY	232
ENGRAULIS ENCRASICO	MERCURY-TOTAL								X							X				1	4	32		76	77		X				X	ITALY	232
ENGRAULIS ENCRASICO	CADMIUM								X							X				1	4	32		76	77		X				X	ITALY	232
ENGRAULIS ENCRASICO	LEAD								X							X				1	4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	OIL(BY INFRARE								X							X				1	4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	MERCURY-TOTAL								X							X				1	4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	CADMIUM								X							X				1	4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	LEAD								X							X				1	4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	OIL(BY INFRARE								X							X				1	4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL								X							X				1	4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	CADMIUM								X							X				1	4	32		76	77		X				X	ITALY	232
NEPHROPS NORVEGICUS	OIL(BY INFRARE								X							X				1	4	32		76	77		X				X	ITALY	233
NEPHROPS NORVEGICUS	MERCURY-TOTAL								X							X				1	4	32		76	77		X				X	ITALY	233
NEPHROPS NORVEGICUS	CADMIUM								X							X				1	4	32		76	77		X				X	ITALY	233
NEPHROPS NORVEGICUS	LEAD								X							X				1	4	32		76	77		X				X	ITALY	233
THUNNUS THYNNUS	OIL(BY INFRARE								X							X				1	4	32		76	77		X				X	ITALY	232
THUNNUS THYNNUS	MERCURY-TOTAL								X							X				1	4	32		76	77		X				X	ITALY	232
THUNNUS THYNNUS	CADMIUM								X							X				1	4	32		76	77		X				X	ITALY	232
THUNNUS THYNNUS	LEAD								X							X				1	4	32		76	77		X				X	ITALY	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

C.N.R. RAPPORTS-GHIRARDELLI E.(1972)BOLL.ZOOL.39(4),427-456 ETC.

INSTITUTE(B10) ISTITUTO DI ZOOLOGIA DELL'UNIVERSITA
UNIVERSITA DI MESSINA
VIA DEI VERDI 75
98100 MESSINA
ITALY

PROJECT(095) -

DATA VALID AS OF 02/07/75

LEADER PROF. BOLOGNARI TELEPHONE 812721 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/75
OPERATIONAL	/76	/80

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

STUDY OF CHEMICAL POLLUTION OF PLANKTON IN STRAIT OF MESSINA. A SPECIMEN (GONOSTOMA DENUDATUM) WILL BE USED AS INDICATOR ORGANISM OF POLLUTION IN THE ABYSSAL ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GONOSTOMA ATLANTICU	DDT-PP		X	X	X				X						X					1	26											MEDITERRANEAN SE	
GONOSTOMA ATLANTICU	OIL(BY INFRARE		X	X	X				X						X					1	26											MEDITERRANEAN SE	
GONOSTOMA ATLANTICU	MERCURY-TOTAL		X	X	X				X						X					1	26											MEDITERRANEAN SE	
GONOSTOMA ATLANTICU	ZINC		X	X	X				X						X					1	26											MEDITERRANEAN SE	
GONOSTOMA ATLANTICU	CHROMIUM		X	X	X				X						X					1	26											MEDITERRANEAN SE	
GONOSTOMA ATLANTICU	CADMIUM		X	X	X				X						X					1	26											MEDITERRANEAN SE	
GONOSTOMA ATLANTICU	LEAD		X	X	X				X						X					1	26											MEDITERRANEAN SE	
THUNNUS ALALUNGA	DDT-PP		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
THUNNUS ALALUNGA	OIL(BY INFRARE		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
THUNNUS ALALUNGA	MERCURY-TOTAL		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
THUNNUS ALALUNGA	ZINC		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
THUNNUS ALALUNGA	CHROMIUM		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
THUNNUS ALALUNGA	CADMIUM		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
THUNNUS ALALUNGA	LEAD		X	X					X							X		X		2	16	100	X					X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	DDT-PP		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	OIL(BY INFRARE		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	MERCURY-TOTAL		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	ZINC		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	CHROMIUM		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	CADMIUM		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	LEAD		X	X					X							X		X		2	16	100	X	76	80			X				MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(B11) ARTHUR RYLAH INSTITUTE FOR ENVIRONMENTAL RESEARCH AUSTRALIA

ENVIRONMENTAL STUDIES SECTION
FISHERIES AND WILDLIFE DIVISION
MINISTRY FOR CONSERVATION
123 BROWN STREET
HEIDELBERG, VIC. 3084

PROJECT(A04) - ORGANOCHLORINE INSECTICIDES IN FRESHWATER MOLLUSCS DATA VALID AS OF 30/09/75

LEADER G.J. BACHER TELEPHONE 034592900 TELEX/CABLE FISHWILDMELBRN

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/74	04/74
OPERATIONAL	04/74	06/76

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO USE THE FRESHWATER BIVALVE (HYRIDELLA AUSTRALIS) AS AN INDICATOR ORGANISM FOR ORGANOCHLORINE INSECTICIDES IN FRESHWATER ENVIRONM ENTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHERS						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FODCHN	OTHBIO		
HYRIDELLA AUSTRALIS	DIELDRIN		X	X					X						X					8	52	1250		74	76		X	X				AUSTRALIA	212
HYRIDELLA AUSTRALIS	DDE-PP		X	X					X						X					8	52	1250		74	76		X	X				AUSTRALIA	212
HYRIDELLA AUSTRALIS	TDE-PP		X	X					X						X					8	52	1250		74	76		X	X				AUSTRALIA	212
HYRIDELLA AUSTRALIS	DDT-PP		X	X					X						X					8	52	1250		74	76		X	X				AUSTRALIA	212
HYRIDELLA AUSTRALIS	ENDRIN		X	X					X						X					8	52	1250		74	76		X	X				AUSTRALIA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(B11)

ARTHUR RYLAH INSTITUTE FOR ENVIRONMENTAL RESEARCH
ENVIRONMENTAL STUDIES SECTION
FISHERIES AND WILDLIFE DIVISION
MINISTRY FOR CONSERVATION
123 BROWN STREET
HEIDELBERG, VIC. 3084
AUSTRALIA

PROJECT(A05) - CADMIUM AND ZINC LEVELS IN THE SCALLOP (PECTEN ALBA) DATA VALID AS OF 07/01/76

LEADER G.J. BACHER TELEPHONE 034592900 TELEX/CABLE FISHWILDMELBRN

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	10/75	11/75
OPERATIONAL	11/75	01/77

PURPOSE OF PROJECT

TO DETERMINE THE SEASONAL VARIATION OF ZN AND CD LEVELS IN MUSCLE AND GONAD OF THE SCALLOP AND TO COMPARE ZN & CD LEVELS IN SCALLOP S FROM TWO COMMERCIAL SCALLOP BEDS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PECTEN ALBA	ZINC		X	X			X								X				X	2	12	350		75	77	X	X					SOUTH INDIAN OCE	232
PECTEN ALBA	CADMIUM		X	X			X								X				X	2	12	350		75	77	X	X					SOUTH INDIAN OCE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(B11) ARTHUR RYLAH INSTITUTE FOR ENVIRONMENTAL RESEARCH AUSTRALIA

ENVIRONMENTAL STUDIES SECTION
FISHERIES AND WILDLIFE DIVISION
MINISTRY FOR CONSERVATION
123 BROWN STREET
HEIDELBERG, VIC. 3084

PROJECT(A06) - MERCURY LEVELS IN FRESHWATER FISH, MOLLUSCS, CRUSTACEANS DATA VALID AS OF 30/09/75

LEADER T.S. PEARCE & G.J. BACHER TELEPHONE 034592900 TELEX/CABLE FISHWILDMELBRN

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	09/73	01/74
OPERATIONAL	03/74	CONTINUING

SUB-PROGRAMME OF WITH DEPT OF HEALTH,VICTORIA

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ESTABLISH LEVELS OF TOTAL MERCURY IN EDIBLE PARTS OF FRESHWATER FISH FROM A NUMBER OF AREAS IN THE STATE OF VICTORIA, TO ESTABLISH AREAS OF HIGH HG LEVELS AND TO DETERMINE INPUTS OF HG INTO THESE AREAS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCULT	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ABRAMIS BRAMA	MERCURY-TOTAL	X	X	X					X						X				X	1	1	13		75			X					AUSTRALIA	223
ACANTHOPAGRUS PUTCH	MERCURY-TOTAL	X	X	X					X						X				X	5	1	6		75			X					AUSTRALIA	223
ANGUILLA SPP.	MERCURY-TOTAL	X	X	X					X						X				X	2				75			X					AUSTRALIA	211
CARANX GEORGIANUS	MERCURY-TOTAL	X	X	X					X						X				X	2	1	2		75			X					AUSTRALIA	223
CARASSIUS SPP.	MERCURY-TOTAL	X	X	X					X						X					3	1	21		75			X					AUSTRALIA	211
CHERAX SPP.	MERCURY-TOTAL	X	X	X					X						X					1	1	1		75			X					AUSTRALIA	211
CYPRINUS CARPIO	MERCURY-TOTAL	X	X	X					X						X					3	1	24		75			X					AUSTRALIA	211
FLUVIALOSA RICHARDS	MERCURY-TOTAL	X	X	X					X						X					1	1	10		75			X					AUSTRALIA	211
GADOPUS MARMORATUS	MERCURY-TOTAL	X	X	X					X						X					2	1	27		75			X					AUSTRALIA	211
GALAXIAS SPP	MERCURY-TOTAL	X	X	X					X						X					1	1	1		75			X					AUSTRALIA	211
HYRIDELLA SPP.	MERCURY-TOTAL	X	X	X					X						X					8	1	40		75			X					AUSTRALIA	211
MUGIL SPP.	MERCURY-TOTAL	X	X	X					X						X				X	7	1	11		75			X					AUSTRALIA	223
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X	X					X						X				X	8	1	42		75			X					AUSTRALIA	211
PERCALATES SPP.	MERCURY-TOTAL	X	X	X					X						X				X	6	1	47		75			X					AUSTRALIA	223
PLATYCEPHALUS SPP.	MERCURY-TOTAL	X	X	X					X						X				X	3	1	4		75			X					AUSTRALIA	223
PLECTROPLITES AMBIG	MERCURY-TOTAL	X	X	X					X						X				X	1	1	9		75			X					AUSTRALIA	211
POTAMUS SPP.	MERCURY-TOTAL	X	X	X					X						X				X	4	1	7		75			X					AUSTRALIA	223
PSEUDOPHRITES SPP.	MERCURY-TOTAL	X	X	X					X						X					2	1	2		75			X					AUSTRALIA	211
RETROPINNA SPP.	MERCURY-TOTAL	X	X	X					X						X					2	1	13		75			X					AUSTRALIA	223
SALMO GAIRDNERI	MERCURY-TOTAL	X	X	X					X						X				X	6	1	21		75			X					AUSTRALIA	211
SALMO TRUTTA	MERCURY-TOTAL	X	X	X					X						X				X	7	1	23		75			X					AUSTRALIA	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(B11) ARTHUR RYLAH INSTITUTE FOR ENVIRONMENTAL RESEARCH AUSTRALIA
ENVIRONMENTAL STUDIES SECTION
FISHERIES AND WILDLIFE DIVISION
MINISTRY FOR CONSERVATION
123 BROWN STREET
HEIDELBERG, VIC. 3084

PROJECT(A07) - HEAVY METAL CONTAMIN. OF ESTUARINE VICTORIAN ENVIRONMENTS DATA VALID AS OF 30/09/75

LEADER G.J. BACHER TELEPHONE 034592900 TELEX/CABLE FISHWILDMELBRN

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	06/74	08/74
OPERATIONAL	08/74	10/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ESTABLISH AND COMPARE LEVELS OF HEAVY METALS IN MARINE BIOTA FROM A NUMBER OF ESTUARIES IN VICTORIA. TO DEFINE AREAS OF HEAVY METAL INPUTS AND RELATE THESE TO INDUSTRIAL AND URBAN DISCHARGE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMBCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FODCHN	OTHBIO		
CAULERPA SPP	COPPER			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	ZINC			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	CHROMIUM			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	CADMIUM			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	NICKEL			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	IRON			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	MANGANESE			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	COBALT			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	MOLYBDENUM			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
CAULERPA SPP	LEAD			X					X						X					10	1	72		75	75		X					AUSTRALIA	232
MYTILUS EDULIS	COPPER		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	ZINC		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	CHROMIUM		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	CADMIUM		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	NICKEL		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	IRON		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	MANGANESE		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	COBALT		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	MOLYBDENUM		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232
MYTILUS EDULIS	LEAD		X	X					X						X				X	27	1	340		75	75		X					SOUTH INDIAN OCE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

LEADER HALL R. TELEPHONE 3444146 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	06/74
OPERATIONAL	06/74	08/77

SUB-PROGRAMME OF NMFS

PURPOSE OF PROJECT

COLLECT BASELINE DATA ON THE OCCURANCE OF 15 ELEMENTS IN FISH FROM THE COASTAL U.S. WATERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHS	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACANTHOCYBIUM SOLAN	TIN	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	MERCURY-TOTAL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	COPPER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	ZINC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	CHROMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	CADMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	ARSENIC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	ANTIMONY	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	SILVER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	NICKEL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	VANADIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	MANGANESE	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	MOLYBDENUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	SELENIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	LEAD	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ACANTHOCYBIUM SOLAN	TIN	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	MERCURY-TOTAL	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	COPPER	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	ZINC	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	CHROMIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	CADMIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	ARSENIC	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	ANTIMONY	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	SILVER	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	NICKEL	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	VANADIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	MANGANESE	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	MOLYBDENUM	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	SELENIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
ACANTHOCYBIUM SOLAN	LEAD	X		X					X											5						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	TIN	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	MERCURY-TOTAL	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	COPPER	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	ZINC	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	CHROMIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	CADMIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	ARSENIC	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	ANTIMONY	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	SILVER	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	NICKEL	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	VANADIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	MANGANESE	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	MOLYBDENUM	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	SELENIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
ACIPENSER MEDIROSTR	LEAD	X		X					X											1						X		X				NORTHERN PACIFIC	
AEQUIPECTEN GIBBUS	TIN	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	MERCURY-TOTAL	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	COPPER	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	ZINC	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	CHROMIUM	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	CADMIUM	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	ARSENIC	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	ANTIMONY	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	SILVER	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	NICKEL	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	VANADIUM	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	MANGANESE	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	MOLYBDENUM	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	SELENIUM	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN GIBBUS	LEAD	X							X											3						X		X				NORTH ATLANTIC O	
AEQUIPECTEN IRRADIA	TIN	X							X											2						X		X				NORTH ATLANTIC O	
AEQUIPECTEN IRRADIA	MERCURY-TOTAL	X							X											2						X		X				NORTH ATLANTIC O	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
AEQUIPECTEN IRRADIA	COPPER	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	ZINC	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	CHROMIUM	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	CADMIUM	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	ARSENIC	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	ANTIMONY	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	SILVER	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	NICKEL	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	VANADIUM	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	MANGANESE	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	MOLYBDENUM	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	SELENIUM	X							X											2						X		X				NORTH ATLANTIC	0
AEQUIPECTEN IRRADIA	LEAD	X							X											2						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA AESTIVALIS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	TIN	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	MERCURY-TOTAL	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	COPPER	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	ZINC	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	CHROMIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	CADMIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	ARSENIC	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	ANTIMONY	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	SILVER	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	NICKEL	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	VANADIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	MANGANESE	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	MOLYBDENUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	SELENIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA PSEUDOHARENGU	LEAD	X	X	X					X											12						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	TIN	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	MERCURY-TOTAL	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	COPPER	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	ZINC	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	CHROMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	CADMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	ARSENIC	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	ANTIMONY	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	SILVER	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	NICKEL	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	VANADIUM	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	MANGANESE	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	MOLYBDENUM	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	SELENIUM	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	LEAD	X	X	X					X											3						X		X				NORTH ATLANTIC	0
ALOSA SAPIDISSIMA	TIN	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	MERCURY-TOTAL	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALCSA SAPIDISSIMA	COPPER	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	ZINC	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	CHROMIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	CADMIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	ARSENIC	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	ANTIMONY	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	SILVER	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	NICKEL	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	VANADIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	MANGANESE	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	MOLYBDENUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	SELENIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ALOSA SAPIDISSIMA	LEAD	X	X	X					X											6						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
AMPHISTICHUS ARGENT	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
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PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	NUMB STNS	RAW DATA COMP	RAW DATA PUBLSH	GEOGRAPHIC AREA
AMPHISTICHUS ARGENT	ANTIMONY	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	SILVER	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	NICKEL	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	VANADIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	MANGANESE	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	MOLYBDENUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	SELENIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
AMPHISTICHUS ARGENT	LEAD	X	X	X	X	1	X	X	NORTHERN PACIFIC
ANARHICHAS LUPUS	TIN	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	MERCURY-TOTAL	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	COPPER	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	ZINC	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	CHROMIUM	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	CADMIUM	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	ARSENIC	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	ANTIMONY	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	SILVER	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	NICKEL	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	VANADIUM	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	MANGANESE	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	MOLYBDENUM	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	SELENIUM	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANARHICHAS LUPUS	LEAD	X	X	X	X	11	X	X	NORTH ATLANTIC O
ANCHOA HEPSETUS	TIN	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	MERCURY-TOTAL	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	COPPER	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	ZINC	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	CHROMIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	CADMIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	ARSENIC	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	ANTIMONY	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	SILVER	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	NICKEL	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	VANADIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	MANGANESE	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	MOLYBDENUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	SELENIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANCHOA HEPSETUS	LEAD	X	X	X	X	2	X	X	CARIBBEAN SEA AN
ANGUILLA ROSTRATA	TIN	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	MERCURY-TOTAL	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	COPPER	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	ZINC	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	CHROMIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	CADMIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	ARSENIC	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	ANTIMONY	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	SILVER	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	NICKEL	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	VANADIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	MANGANESE	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	MOLYBDENUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	SELENIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANGUILLA ROSTRATA	LEAD	X	X	X	X	2	X	X	NORTH ATLANTIC O
ANOPLOPOMA FIMBRIA	TIN	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	MERCURY-TOTAL	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	COPPER	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	ZINC	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	CHROMIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	CADMIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	ARSENIC	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	ANTIMONY	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	SILVER	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	NICKEL	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	VANADIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	MANGANESE	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	MOLYBDENUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	SELENIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	LEAD	X	X	X	X	11	X	X	NORTHERN PACIFIC
ANOPLOPOMA FIMBRIA	TIN	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	MERCURY-TOTAL	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	COPPER	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	ZINC	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	CHROMIUM	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	CADMIUM	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	ARSENIC	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	ANTIMONY	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	SILVER	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	NICKEL	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	VANADIUM	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	MANGANESE	X	X	X	X	2	X	X	BERING SEA

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UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C (CAL BRTD)	SAMPLE DESCRPTN L	SAMPLE DESCRPTN W	PRESERVATION METHOD F	NUMB STNS	RAW DATA C	RAW DATA P	GEOGRAPHIC AREA
ANOPLOPOMA FIMBRIA	MOLYBDENUM	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	SELENIUM	X	X	X	X	2	X	X	BERING SEA
ANOPLOPOMA FIMBRIA	LEAD	X	X	X	X	2	X	X	BERING SEA
APRION VIRESCENS	TIN	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	MERCURY-TOTAL	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	COPPER	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	ZINC	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	CHROMIUM	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	CADMIUM	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	ARSENIC	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	ANTIMONY	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	SILVER	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	NICKEL	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	VANADIUM	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	MANGANESE	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	MOLYBDENUM	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	SELENIUM	X		X	X	3	X	X	NORTHERN PACIFIC
APRION VIRESCENS	LEAD	X		X	X	3	X	X	NORTHERN PACIFIC
ARCHOSARGUS PROBATO	TIN	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	MERCURY-TOTAL	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	COPPER	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	ZINC	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	CHROMIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	CADMIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	ARSENIC	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	ANTIMONY	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	SILVER	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	NICKEL	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	VANADIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	MANGANESE	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	MOLYBDENUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	SELENIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARCHOSARGUS PROBATO	LEAD	X	X	X	X	6	X	X	CARIBBEAN SEA AN
ARGENTINA SILUS	TIN	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	COPPER	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	ZINC	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	CHROMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	CADMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	ARSENIC	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	ANTIMONY	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	SILVER	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	NICKEL	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	VANADIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	MANGANESE	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	MOLYBDENUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	SELENIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARGENTINA SILUS	LEAD	X	X	X	X	1	X	X	NORTH ATLANTIC O
ARIUS FELIS	TIN	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	MERCURY-TOTAL	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	COPPER	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	ZINC	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	CHROMIUM	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	CADMIUM	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	ARSENIC	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	ANTIMONY	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	SILVER	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	NICKEL	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	VANADIUM	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	MANGANESE	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	MOLYBDENUM	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	SELENIUM	X		X	X	5	X	X	CARIBBEAN SEA AN
ARIUS FELIS	LEAD	X		X	X	5	X	X	CARIBBEAN SEA AN
ATHERINOPSIS CALIFO	TIN	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	COPPER	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	ZINC	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	CHROMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	CADMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	ARSENIC	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	ANTIMONY	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	SILVER	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	NICKEL	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	VANADIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	MANGANESE	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	MOLYBDENUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	SELENIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
ATHERINOPSIS CALIFO	LEAD	X	X	X	X	1	X	X	NORTHERN PACIFIC
BAGRE MARINUS	TIN	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	MERCURY-TOTAL	X	X	X	X	4	X	X	CARIBBEAN SEA AN

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HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	NUMB STNS	RAW DATA COMP	RAW DATA PUBLSH	GEOGRAPHIC AREA
BAGRE MARINUS	COPPER	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	ZINC	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	CHROMIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	CADMIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	ARSENIC	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	ANTIMONY	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	SILVER	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	NICKEL	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	VANADIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	MANGANESE	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	MOLYBDENUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	SELENIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAGRE MARINUS	LEAD	X	X	X	X	4	X	X	CARIBBEAN SEA AN
BAIRDIELLA CHRYSURA	TIN	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	MERCURY-TOTAL	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	COPPER	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	ZINC	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	CHROMIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	CADMIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	ARSENIC	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	ANTIMONY	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	SILVER	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	NICKEL	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	VANADIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	MANGANESE	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	MOLYBDENUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	SELENIUM	X	X	X	X	2	X	X	NORTH ATLANTIC O
BAIRDIELLA CHRYSURA	LEAD	X	X	X	X	2	X	X	NORTH ATLANTIC O
BREVOORTIA PATRONUS	TIN	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	MERCURY-TOTAL	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	COPPER	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	ZINC	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	CHROMIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	CADMIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	ARSENIC	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	ANTIMONY	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	SILVER	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	NICKEL	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	VANADIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	MANGANESE	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	MOLYBDENUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	SELENIUM	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA PATRONUS	LEAD	X	X	X	X	6	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	TIN	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	MERCURY-TOTAL	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	COPPER	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	ZINC	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	CHROMIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	CADMIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	ARSENIC	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	ANTIMONY	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	SILVER	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	NICKEL	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	VANADIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	MANGANESE	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	MOLYBDENUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	SELENIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA SMITHI	LEAD	X	X	X	X	1	X	X	CARIBBEAN SEA AN
BREVOORTIA TYRANNUS	TIN	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	MERCURY-TOTAL	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	COPPER	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	ZINC	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	CHROMIUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	CADMIUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	ARSENIC	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	ANTIMONY	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	SILVER	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	NICKEL	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	VANADIUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	MANGANESE	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	MOLYBDENUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	SELENIUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
BREVOORTIA TYRANNUS	LEAD	X	X	X	X	3	X	X	NORTH ATLANTIC O
BROSME BROSME	TIN	X	X	X	X	14	X	X	NORTH ATLANTIC O
BROSME BROSME	MERCURY-TOTAL	X	X	X	X	14	X	X	NORTH ATLANTIC O
BROSME BROSME	COPPER	X	X	X	X	14	X	X	NORTH ATLANTIC O
BROSME BROSME	ZINC	X	X	X	X	14	X	X	NORTH ATLANTIC O
BROSME BROSME	CHROMIUM	X	X	X	X	14	X	X	NORTH ATLANTIC O
BROSME BROSME	CADMIUM	X	X	X	X	14	X	X	NORTH ATLANTIC O
BROSME BROSME	ARSENIC	X	X	X	X	14	X	X	NORTH ATLANTIC O

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD. 20740
UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MY ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHNO	OTHBIO	GEOGRAPHIC AREA	WAT COD
BROSME BROSME	ANTIMONY	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	SILVER	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	NICKEL	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	VANADIUM	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	MANGANESE	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	MOLYBDENUM	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	SELENIUM	X	X	X					X											14						X		X				NORTH ATLANTIC O	
BROSME BROSME	LEAD	X	X	X					X											14						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	TIN	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	MERCURY-TOTAL	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	COPPER	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	ZINC	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	CHROMIUM	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	CADMIUM	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	ARSENIC	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	ANTIMONY	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	SILVER	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	NICKEL	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	VANADIUM	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	MANGANESE	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	MOLYBDENUM	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	SELENIUM	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	LEAD	X							X											3						X		X				NORTH ATLANTIC O	
CALLINECTES SAPIDUS	TIN	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	MERCURY-TOTAL	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	COPPER	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	ZINC	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	CHROMIUM	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	CADMIUM	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	ARSENIC	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	ANTIMONY	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	SILVER	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	NICKEL	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	VANADIUM	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	MANGANESE	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	MOLYBDENUM	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	SELENIUM	X		X					X											6						X		X				CARIBBEAN SEA AN	
CALLINECTES SAPIDUS	LEAD	X		X					X											6						X		X				CARIBBEAN SEA AN	
CANCER IRRORATUS	TIN	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	MERCURY-TOTAL	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	COPPER	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	ZINC	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	CHROMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	CADMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	ARSENIC	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	ANTIMONY	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	SILVER	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	NICKEL	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	VANADIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	MANGANESE	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	MOLYBDENUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	SELENIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER IRRORATUS	LEAD	X	X	X					X											9						X		X				NORTH ATLANTIC O	
CANCER MAGISTER	TIN	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	COPPER	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	ZINC	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	CHROMIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	CADMIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	ARSENIC	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	ANTIMONY	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	SILVER	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	NICKEL	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	VANADIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	MANGANESE	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	MOLYBDENUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	SELENIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	LEAD	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CANCER MAGISTER	TIN	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	MERCURY-TOTAL	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	COPPER	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	ZINC	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	CHROMIUM	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	CADMIUM	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	ARSENIC	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	ANTIMONY	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	SILVER	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	NICKEL	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	VANADIUM	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	MANGANESE	X							X											1						X		X				BERING SEA	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
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COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FODCHN	OTHBIO		
CANCER MAGISTER	MOLYBDENUM	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	SELENIUM	X							X											1						X		X				BERING SEA	
CANCER MAGISTER	LEAD	X							X											1						X		X				BERING SEA	
CARANX CRYSOS	TIN	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	MERCURY-TOTAL	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	COPPER	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	ZINC	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	CHROMIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	CADMIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	ARSENIC	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	ANTIMONY	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	SILVER	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	NICKEL	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	VANADIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	MANGANESE	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	MOLYBDENUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	SELENIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX CRYSOS	LEAD	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	TIN	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	MERCURY-TOTAL	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	COPPER	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	ZINC	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	CHROMIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	CADMIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	ARSENIC	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	ANTIMONY	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	SILVER	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	NICKEL	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	VANADIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	MANGANESE	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	MOLYBDENUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	SELENIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX HIPPOS	LEAD	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CARANX MELAMPYGUS	TIN	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	MERCURY-TOTAL	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	COPPER	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	ZINC	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	CHROMIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	CADMIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	ARSENIC	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	ANTIMONY	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	SILVER	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	NICKEL	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	VANADIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	MANGANESE	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	MOLYBDENUM	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	SELENIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
CARANX MELAMPYGUS	LEAD	X		X					X											2						X		X				NORTHERN PACIFIC	
CARCHARHINUS LIMBAT	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CARCHARHINUS LIMBAT	TIN	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	MERCURY-TOTAL	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	COPPER	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	ZINC	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	CHROMIUM	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	CADMIUM	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	ARSENIC	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	ANTIMONY	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	SILVER	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	NICKEL	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	VANADIUM	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	MANGANESE	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	MOLYBDENUM	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	SELENIUM	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS LIMBAT	LEAD	X							X											1						X		X				CARIBBEAN SEA AN	
CARCHARHINUS MILBER	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CARCHARHINUS MILBER	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	

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DATE 771208          INSTITUTE(B15)    NATIONAL MARINE FISHERIES SERVICE                                 UNITED STATES
                                      SOUTHEAST FISHERY CENTER
                                      COLLEGE PARK LABORATORY
                                      COLLEGE PARK,MD. 20740
                                      ------------------------------------------------------------

PROJECT(D34) - RESOURCE SURVEY                                                DATA VALID AS OF 23/06/77

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HOST SUBSTANCE      CONTAMINANT    C SAMPLE   PRESERVATION     SAMPLE  H NUMB ANNL NUMBER S  RAW DATA   BIOAS- GEOGRAPHIC       WAT
                                   A DESCRPTN METHOD           ORIGIN  U STNS FREQ  /YEAR I             SAYS   AREA             COD
                                   L  L W A D N I F S D F A O  P C A O M                  M YR YR C I P  T F O
                                   B  E E G E C C R A R O L T  I O Q T C                  W ST EN O N U  O D T
                                   R  N I E V T E O L I R C H  E M C H O                  A       M H B  X C H
                                   T  G G   S   D Z T E M O E  L R L E N                  T       P S L  C H B
                                   D  T H   T     E E D L H R  D C T R S                  E         E S  T N I
                                      H T   G     N D   N L      L R   P                  R       .   H  Y   O
----------------------------------------------------------------------------------------------------------------------------------

CARCHARHINUS MILBER COPPER         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER ZINC           X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER CHROMIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER CADMIUM        X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER ARSENIC        X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER ANTIMONY       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER SILVER         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER NICKEL         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER VANADIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER MANGANESE      X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER MOLYBDENUM     X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER SELENIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER LEAD           X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS MILBER TIN            X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER MERCURY-TOTAL  X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER COPPER         X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER ZINC           X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER CHROMIUM       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER CADMIUM        X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER ARSENIC        X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER ANTIMONY       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER SILVER         X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER NICKEL         X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER VANADIUM       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER MANGANESE      X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER MOLYBDENUM     X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER SELENIUM       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS MILBER LEAD           X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR TIN            X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR MERCURY-TOTAL  X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR COPPER         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR ZINC           X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR CHROMIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR CADMIUM        X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR ARSENIC        X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR ANTIMONY       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR SILVER         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR NICKEL         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR VANADIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR MANGANESE      X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR MOLYBDENUM     X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR SELENIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR LEAD           X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARHINUS OBSCUR TIN            X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR MERCURY-TOTAL  X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR COPPER         X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR ZINC           X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR CHROMIUM       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR CADMIUM        X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR ARSENIC        X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR ANTIMONY       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR SILVER         X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR NICKEL         X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR VANADIUM       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR MANGANESE      X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR MOLYBDENUM     X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR SELENIUM       X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARHINUS OBSCUR LEAD           X              X                         1                     X   X        CARIBBEAN SEA AN
CARCHARODON CARCHAR TIN            X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR MERCURY-TOTAL  X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR COPPER         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR ZINC           X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR CHROMIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR CADMIUM        X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR ARSENIC        X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR ANTIMONY       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR SILVER         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR NICKEL         X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR VANADIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR MANGANESE      X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR MOLYBDENUM     X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR SELENIUM       X  X X         X                         1                     X   X        NORTH ATLANTIC O
CARCHARODON CARCHAR LEAD           X  X X         X                         1                     X   X        NORTH ATLANTIC O
CENTROPO UNDECIMALI TIN            X  X X         X                         3                     X   X        CARIBBEAN SEA AN
CENTROPO UNDECIMALI MERCURY-TOTAL  X  X X         X                         3                     X   X        CARIBBEAN SEA AN
CENTROPO UNDECIMALI COPPER         X  X X         X                         3                     X   X        CARIBBEAN SEA AN
CENTROPO UNDECIMALI ZINC           X  X X         X                         3                     X   X        CARIBBEAN SEA AN
CENTROPO UNDECIMALI CHROMIUM       X  X X         X                         3                     X   X        CARIBBEAN SEA AN
CENTROPO UNDECIMALI CADMIUM        X  X X         X                         3                     X   X        CARIBBEAN SEA AN
CENTROPO UNDECIMALI ARSENIC        X  X X         X                         3                     X   X        CARIBBEAN SEA AN
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DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740
UNITED STATES

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN L LENGTH	W WEIGHT	A AGE	D DEVSTG	PRESERVATION METHOD N NOT	I ICED	F FROZEN	S SALTED	D DRIED	F FORMLW	A ALCOHL	O OTHER	SAMPLE ORIGIN F FIELD	C COMRCL	A AQCLTR	O OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	C COMP	I INHSE	P PUBLSH	BIOASSAYS T TOXCTY	F FDCHN	O OTHBIO	GEOGRAPHIC AREA	WAT COD
CENTROPO UNDECIMALI	ANTIMONY	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	SILVER	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	NICKEL	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	VANADIUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	MANGANESE	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	MOLYBDENUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	SELENIUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPO UNDECIMALI	LEAD	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
CENTROPRISTIS STRIA	TIN	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	MERCURY-TOTAL	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	COPPER	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	ZINC	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	CHROMIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	CADMIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	ARSENIC	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	ANTIMONY	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	SILVER	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	NICKEL	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	VANADIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	MANGANESE	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	MOLYBDENUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	SELENIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CENTROPRISTIS STRIA	LEAD	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CHANOS CHANOS	TIN	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	MERCURY-TOTAL	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	COPPER	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	ZINC	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	CHROMIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	CADMIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	ARSENIC	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	ANTIMONY	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	SILVER	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	NICKEL	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	VANADIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	MANGANESE	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	MOLYBDENUM	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	SELENIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
CHANOS CHANOS	LEAD	X		X					X											1						X		X				NORTHERN PACIFIC	
CHIONOECETES BAIRDI	TIN	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	MERCURY-TOTAL	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	COPPER	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	ZINC	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	CHROMIUM	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	CADMIUM	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	ARSENIC	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	ANTIMONY	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	SILVER	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	NICKEL	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	VANADIUM	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	MANGANESE	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	MOLYBDENUM	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	SELENIUM	X							X											5						X		X				BERING SEA	
CHIONOECETES BAIRDI	LEAD	X							X											5						X		X				BERING SEA	
CHLAMYS HERICIUS	TIN	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	MERCURY-TOTAL	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	COPPER	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	ZINC	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	CHROMIUM	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	CADMIUM	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	ARSENIC	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	ANTIMONY	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	SILVER	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	NICKEL	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	VANADIUM	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	MANGANESE	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	MOLYBDENUM	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	SELENIUM	X							X											1						X		X				BERING SEA	
CHLAMYS HERICIUS	LEAD	X							X											1						X		X				BERING SEA	
CLUPEA HARENGUS	TIN	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	MERCURY-TOTAL	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	COPPER	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	ZINC	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	CHROMIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	CADMIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	ARSENIC	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	ANTIMONY	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	SILVER	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	NICKEL	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	VANADIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	MANGANESE	X	X	X					X											10						X		X				NORTH ATLANTIC O	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOTE	ICED	FROZEN	SALTED	DRIED	FORMALN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMERCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP.	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	MOLYBDENUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	SELENIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS	LEAD	X	X	X					X											10						X		X				NORTH ATLANTIC O	
CLUPEA HARENGUS PAL	TIN	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	MERCURY-TOTAL	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	COPPER	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	ZINC	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	CHROMIUM	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	CADMIUM	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	ARSENIC	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	ANTIMONY	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	SILVER	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	NICKEL	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	VANADIUM	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	MANGANESE	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	MOLYBDENUM	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	SELENIUM	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	LEAD	X	X	X					X											2						X		X				GULF OF ALASKA	
CLUPEA HARENGUS PAL	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CLUPEA HARENGUS PAL	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
CONGER OCEANICUS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CONGER OCEANICUS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
CORYPHAENA HIPPURUS	TIN	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	MERCURY-TOTAL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	COPPER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	ZINC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	CHROMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	CADMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	ARSENIC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	ANTIMONY	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	SILVER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	NICKEL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	VANADIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	MANGANESE	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	MOLYBDENUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	SELENIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	LEAD	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
CORYPHAENA HIPPURUS	TIN	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(B34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCULTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	YR ST	YR EN	RAW DATA COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CORYPHAENA HIPPURUS	COPPER	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	ZINC	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	CHROMIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	CADMIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	ARSENIC	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	ANTIMONY	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	SILVER	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	NICKEL	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	VANADIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	MANGANESE	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	MOLYBDENUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	SELENIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CORYPHAENA HIPPURUS	LEAD	X	X	X					X											4						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	TIN	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	MERCURY-TOTAL	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	COPPER	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	ZINC	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	CHROMIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	CADMIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	ARSENIC	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	ANTIMONY	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	SILVER	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	NICKEL	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	VANADIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	MANGANESE	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	MOLYBDENUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	SELENIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA GIGAS	LEAD	X	X	X					X											6						X		X				NORTHERN PACIFIC	
CRASSOSTREA VIRGINI	TIN	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	MERCURY-TOTAL	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	COPPER	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	ZINC	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	CHROMIUM	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	CADMIUM	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	ARSENIC	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	ANTIMONY	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	SILVER	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	NICKEL	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	VANADIUM	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	MANGANESE	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	MOLYBDENUM	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	SELENIUM	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	LEAD	X		X					X											8						X		X				NORTH ATLANTIC O	
CRASSOSTREA VIRGINI	TIN	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	MERCURY-TOTAL	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	COPPER	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	ZINC	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	CHROMIUM	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	CADMIUM	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	ARSENIC	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	ANTIMONY	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	SILVER	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	NICKEL	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	VANADIUM	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	MANGANESE	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	MOLYBDENUM	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	SELENIUM	X							X											4						X		X				CARIBBEAN SEA AN	
CRASSOSTREA VIRGINI	LEAD	X							X											4						X		X				CARIBBEAN SEA AN	
CYMATOGASTER AGGREG	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYMATOGASTER AGGREG	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
CYNOSCION ARENARIUS	TIN	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	MERCURY-TOTAL	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	COPPER	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	ZINC	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	CHROMIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	CADMIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	ARSENIC	X	X	X					X											4						X		X				CARIBBEAN SEA AN	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FOODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CYNOSCION ARENARIUS	ANTIMONY	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	SILVER	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	NICKEL	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	VANADIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	MANGANESE	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	MOLYBDENUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	SELENIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION ARENARIUS	LEAD	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	TIN	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	COPPER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	ZINC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	CHROMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	CADMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	ARSENIC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	ANTIMONY	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	SILVER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	NICKEL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	VANADIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	MANGANESE	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	MOLYBDENUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	SELENIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	LEAD	X	X	X					X											4						X		X				NORTH ATLANTIC O	
CYNOSCION NEBULOSUS	TIN	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	MERCURY-TOTAL	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	COPPER	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	ZINC	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	CHROMIUM	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	CADMIUM	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	ARSENIC	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	ANTIMONY	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	SILVER	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	NICKEL	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	VANADIUM	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	MANGANESE	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	MOLYBDENUM	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	SELENIUM	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NEBULOSUS	LEAD	X	X	X					X											8						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	TIN	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	MERCURY-TOTAL	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	COPPER	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	ZINC	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	CHROMIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	CADMIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	ARSENIC	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	ANTIMONY	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	SILVER	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	NICKEL	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	VANADIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	MANGANESE	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	MOLYBDENUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	SELENIUM	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION NOTHUS	LEAD	X	X	X					X											5						X		X				CARIBBEAN SEA AN	
CYNOSCION REGALIS	TIN	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	MERCURY-TOTAL	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	COPPER	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	ZINC	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	CHROMIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	CADMIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	ARSENIC	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	ANTIMONY	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	SILVER	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	NICKEL	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	VANADIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	MANGANESE	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	MOLYBDENUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	SELENIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
CYNOSCION REGALIS	LEAD	X	X	X					X											6						X		X				NORTH ATLANTIC O	
DECAPTERUS PINNULAT	TIN	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	MERCURY-TOTAL	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	COPPER	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	ZINC	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	CHROMIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	CADMIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	ARSENIC	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	ANTIMONY	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	SILVER	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	NICKEL	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	VANADIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	MANGANESE	X		X					X											3						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHNI	OTHBIO	GEOGRAPHIC AREA	WAT COD
DECAPTERUS PINNULAT	MOLYBDENUM	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	SELENIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PINNULAT	LEAD	X		X					X											3						X		X				NORTHERN PACIFIC	
DECAPTERUS PUNCTATU	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DECAPTERUS PUNCTATU	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLECTRUM FORMOSUM	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
DIPLODUS HOLBROOKI	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ELOPS SAURUS	TIN	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	MERCURY-TOTAL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	COPPER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	ZINC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	CHROMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	CADMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	ARSENIC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	ANTIMONY	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	SILVER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	NICKEL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	VANADIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	MANGANESE	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	MOLYBDENUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	SELENIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ELOPS SAURUS	LEAD	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
ENGRAULIS MORDAX	TIN	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	COPPER	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	ZINC	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	CHROMIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	CADMIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	ARSENIC	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	ANTIMONY	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	SILVER	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	NICKEL	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	VANADIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	MANGANESE	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	MOLYBDENUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	SELENIUM	X	X	X					X											4						X		X				NORTHERN PACIFIC	
ENGRAULIS MORDAX	LEAD	X	X	X					X											4						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	TIN	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	MERCURY-TOTAL	X	X	X					X											8						X		X				NORTHERN PACIFIC	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOTE	ICED	FROZEN	SALTED	DRIED	FORMALIN	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMPS	INDHS	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
EOPSETTA JORDANI	COPPER	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	ZINC	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JCRDANI	CHROMIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	CADMIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	ARSENIC	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	ANTIMONY	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	SILVER	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	NICKEL	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	VANADIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	MANGANESE	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	MOLYBDENUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	SELENIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EOPSETTA JORDANI	LEAD	X	X	X					X											8						X		X				NORTHERN PACIFIC	
EPINEPHELUS DRUMMON	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMCN	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS DRUMMON	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
EPINEPHELUS ITAJARA	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS ITAJARA	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	TIN	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	MERCURY-TOTAL	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	COPPER	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	ZINC	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	CHROMIUM	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	CADMIUM	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	ARSENIC	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	ANTIMONY	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	SILVER	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	NICKEL	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	VANADIUM	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	MANGANESE	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	MOLYBDENUM	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	SELENIUM	X							X											3						X		X				CARIBBEAN SEA AN	
EPINEPHELUS MORIO	LEAD	X							X											3						X		X				CARIBBEAN SEA AN	
ETELIS MARCHI	TIN	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	MERCURY-TOTAL	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	COPPER	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	ZINC	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	CHROMIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	CADMIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	ARSENIC	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	ANTIMONY	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	SILVER	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	NICKEL	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	VANADIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	MANGANESE	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	MOLYBDENUM	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	SELENIUM	X		X					X											3						X		X				NORTHERN PACIFIC	
ETELIS MARCHI	LEAD	X		X					X											3						X		X				NORTHERN PACIFIC	
ETRUMEUS TERES(=MIC	TIN	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	COPPER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	ZINC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	CHROMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	CADMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	ARSENIC	X	X	X					X											4						X		X				NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ETRUMEUS TERES(=MIC	ANTIMONY	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	SILVER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	NICKEL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	VANADIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	MANGANESE	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	MOLYBDENUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	SELENIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ETRUMEUS TERES(=MIC	LEAD	X	X	X					X											4						X		X				NORTH ATLANTIC O	
EUTHYNNUS ALLETTERA	TIN	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	MERCURY-TOTAL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	COPPER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	ZINC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	CHROMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	CADMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	ARSENIC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	ANTIMONY	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	SILVER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	NICKEL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	VANADIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	MANGANESE	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	MOLYBDENUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	SELENIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
EUTHYNNUS ALLETTERA	LEAD	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
GADUS MACROCEPHALUS	TIN	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	COPPER	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	ZINC	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	CHROMIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	CADMIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	ARSENIC	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	ANTIMONY	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	SILVER	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	NICKEL	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	VANADIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	MANGANESE	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	MOLYBDENUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	SELENIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	LEAD	X	X	X					X											5						X		X				NORTHERN PACIFIC	
GADUS MACROCEPHALUS	TIN	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	COPPER	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	ZINC	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	CHROMIUM	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	CADMIUM	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	ARSENIC	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	ANTIMONY	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	SILVER	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	NICKEL	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	VANADIUM	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	MANGANESE	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	MOLYBDENUM	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	SELENIUM	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	LEAD	X	X						X											1						X		X				BERING SEA	
GADUS MACROCEPHALUS	TIN	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	COPPER	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	ZINC	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	CHROMIUM	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	CADMIUM	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	ARSENIC	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	ANTIMONY	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	SILVER	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	NICKEL	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	VANADIUM	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	MANGANESE	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	MOLYBDENUM	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	SELENIUM	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MACROCEPHALUS	LEAD	X	X	X					X											1						X		X				GULF OF ALASKA	
GADUS MORHUA	TIN	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	MERCURY-TOTAL	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	COPPER	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	ZINC	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	CHROMIUM	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	CADMIUM	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	ARSENIC	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	ANTIMONY	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	SILVER	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	NICKEL	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	VANADIUM	X	X	X					X											15						X		X				NORTH ATLANTIC O	
GADUS MORHUA	MANGANESE	X	X	X					X											15						X		X				NORTH ATLANTIC O	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTD	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLT	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	MOLYBDENUM	X	X	X					X											15						X		X				NORTH ATLANTIC	O
GADUS MORHUA	SELENIUM	X	X	X					X											15						X		X				NORTH ATLANTIC	O
GADUS MORHUA	LEAD	X	X	X					X											15						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERRES CINEREUS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	TIN	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	MERCURY-TOTAL	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	COPPER	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	ZINC	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	CHROMIUM	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	CADMIUM	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	ARSENIC	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	ANTIMONY	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	SILVER	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	NICKEL	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	VANADIUM	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	MANGANESE	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	MOLYBDENUM	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	SELENIUM	X		X					X											2						X		X				NORTH ATLANTIC	O
GERYON QUINQUEDENS	LEAD	X		X					X											2						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	TIN	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	MERCURY-TOTAL	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	COPPER	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	ZINC	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	CHROMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	CADMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	ARSENIC	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	ANTIMONY	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	SILVER	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	NICKEL	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	VANADIUM	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	MANGANESE	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	MOLYBDENUM	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	SELENIUM	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS CYNO	LEAD	X	X	X					X											9						X		X				NORTH ATLANTIC	O
GLYPTOCEPHALUS ZACH	TIN	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	MERCURY-TOTAL	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	COPPER	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	ZINC	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	CHROMIUM	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	CADMIUM	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	ARSENIC	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	ANTIMONY	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	SILVER	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	NICKEL	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	VANADIUM	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	MANGANESE	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	MOLYBDENUM	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	SELENIUM	X	X	X					X											10						X		X				NORTHERN PACIFIC	
GLYPTOCEPHALUS ZACH	LEAD	X	X	X					X											10						X		X				NORTHERN PACIFIC	
HAEMULON PLUMIERI	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC	O
HAEMULON PLUMIERI	TIN	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	MERCURY-TOTAL	X							X											1						X		X				CARIBBEAN SEA AN	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
HAEMULON PLUMIERI	COPPER	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	ZINC	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	CHROMIUM	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	CADMIUM	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	ARSENIC	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	ANTIMONY	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	SILVER	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	NICKEL	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	VANADIUM	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	MANGANESE	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	MOLYBDENUM	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	SELENIUM	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON PLUMIERI	LEAD	X							X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
HAEMULON SCIURUS	TIN	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	MERCURY-TOTAL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	COPPER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	ZINC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	CHROMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	CADMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	ARSENIC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	ANTIMONY	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	SILVER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	NICKEL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	VANADIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	MANGANESE	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	MOLYBDENUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	SELENIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HAEMULON SCIURUS	LEAD	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
HALIOTIS FULGENS	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS FULGENS	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HALIOTIS RUFESCENS	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
HEMIRHAMPHUS BRASIL	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
HEMIRHAMPHUS BRASIL	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HEMIRHAMPHUS BRASIL	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	TIN	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	MERCURY-TOTAL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	COPPER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	ZINC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	CHROMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	CADMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	ARSENIC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	ANTIMONY	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	SILVER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	NICKEL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	VANADIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	MANGANESE	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	MOLYBDENUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	SELENIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSOIDES PLA	LEAD	X	X	X					X											11						X		X				NORTH ATLANTIC O	
HIPPOGLOSSUS STENOL	TIN	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	MERCURY-TOTAL	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	COPPER	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	ZINC	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	CHROMIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	CADMIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	ARSENIC	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	ANTIMONY	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	SILVER	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	NICKEL	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	VANADIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	MANGANESE	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	MOLYBDENUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	SELENIUM	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	LEAD	X	X	X					X											8						X		X				NORTHERN PACIFIC	
HIPPOGLOSSUS STENOL	TIN	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	MERCURY-TOTAL	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	COPPER	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	ZINC	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	CHROMIUM	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	CADMIUM	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	ARSENIC	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	ANTIMONY	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	SILVER	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	NICKEL	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	VANADIUM	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	MANGANESE	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	MOLYBDENUM	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	SELENIUM	X	X	X					X											1						X		X				BERING SEA	
HIPPOGLOSSUS STENOL	LEAD	X	X	X					X											1						X		X				BERING SEA	
HOMARUS AMERICANUS	TIN	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	MERCURY-TOTAL	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	COPPER	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	ZINC	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	CHROMIUM	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	CADMIUM	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	ARSENIC	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	ANTIMONY	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	SILVER	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	NICKEL	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	VANADIUM	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	MANGANESE	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	MOLYBDENUM	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	SELENIUM	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HOMARUS AMERICANUS	LEAD	X	X	X					X											16						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	TIN	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	MERCURY-TOTAL	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	COPPER	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	ZINC	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	CHROMIUM	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	CADMIUM	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	ARSENIC	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	ANTIMONY	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	SILVER	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	NICKEL	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	VANADIUM	X		X					X											1						X		X				NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	MANGANESE	X		X					X											1						X		X				NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C CALB RTD	SAMPLE DESCRPTN L LBRTGTH	SAMPLE DESCRPTN W WEIGHT	PRESERVATION METHOD F FROZEN	SAMPLE ORIGIN	H U M C O M S P	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I N W A T E R	RAW DATA YR ST	RAW DATA YR EN	RAW DATA C COMPS	RAW DATA I INDIV	RAW DATA P PUBLSHS	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
HYMENOPENAEUS ROBUS	MOLYBDENUM	X		X	X			1						X		X		NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	SELENIUM	X		X	X			1						X		X		NORTH ATLANTIC O	
HYMENOPENAEUS ROBUS	LEAD	X		X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	TIN	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	MERCURY-TOTAL	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	COPPER	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	ZINC	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	CHROMIUM	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	CADMIUM	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	ARSENIC	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	ANTIMONY	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	SILVER	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	NICKEL	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	VANADIUM	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	MANGANESE	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	MOLYBDENUM	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	SELENIUM	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS CATUS	LEAD	X	X		X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	TIN	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	MERCURY-TOTAL	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	COPPER	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	ZINC	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	CHROMIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	CADMIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	ARSENIC	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	ANTIMONY	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	SILVER	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	NICKEL	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	VANADIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	MANGANESE	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	MOLYBDENUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	SELENIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS NEBULOSUS	LEAD	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	TIN	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	MERCURY-TOTAL	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	COPPER	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	ZINC	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	CHROMIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	CADMIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	ARSENIC	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	ANTIMONY	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	SILVER	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	NICKEL	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	VANADIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	MANGANESE	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	MOLYBDENUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	SELENIUM	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ICTALURUS PUNCTATUS	LEAD	X	X	X	X			1						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	TIN	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	MERCURY-TOTAL	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	COPPER	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	ZINC	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	CHROMIUM	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	CADMIUM	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	ARSENIC	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	ANTIMONY	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	SILVER	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	NICKEL	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	VANADIUM	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	MANGANESE	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	MOLYBDENUM	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	SELENIUM	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ILLEX ILLECEBROSUS	LEAD	X	X	X	X			13						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	TIN	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	MERCURY-TOTAL	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	COPPER	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	ZINC	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	CHROMIUM	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	CADMIUM	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	ARSENIC	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	ANTIMONY	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	SILVER	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	NICKEL	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	VANADIUM	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	MANGANESE	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	MOLYBDENUM	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	SELENIUM	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	LEAD	X	X	X	X			6						X		X		NORTH ATLANTIC O	
ISTIOPHORUS PLATYPT	TIN	X	X	X	X			2						X		X		CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	MERCURY-TOTAL	X	X	X	X			2						X		X		CARIBBEAN SEA AN	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NQT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ISTIOPHORUS PLATYPT	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISTIOPHORUS PLATYPT	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ISURUS OXYRINCHUS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
ISURUS OXYRINCHUS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
KATSUWONUS PELAMIS	TIN	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	MERCURY-TOTAL	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	COPPER	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	ZINC	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	CHROMIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	CADMIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	ARSENIC	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	ANTIMONY	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	SILVER	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	NICKEL	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	VANADIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	MANGANESE	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	MOLYBDENUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	SELENIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
KATSUWONUS PELAMIS	LEAD	X	X	X					X											5						X		X				NORTHERN PACIFIC	
LARIMUS FASCIATUS	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LARIMUS FASCIATUS	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	TIN	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	MERCURY-TOTAL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	COPPER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	ZINC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	CHROMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	CADMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	ARSENIC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	ANTIMONY	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	SILVER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	NICKEL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	VANADIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	MANGANESE	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	MOLYBDENUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	SELENIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEIOSTOMUS XANTHURU	LEAD	X	X	X					X											11						X		X				NORTH ATLANTIC O	
LEPIDOPSETTA BILINE	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
LEPIDOPSETTA BILINE	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
LEPIDOPSETTA BILINE	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
LEPIDOPSETTA BILINE	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
LEPIDOPSETTA BILINE	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
LEPIDOPSETTA BILINE	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
LEPIDOPSETTA BILINE	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C A LBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	NUMB STNS	RAW DATA COMP	RAW DATA PUBLSH	GEOGRAPHIC AREA
LEPIDOPSETTA BILINE	ANTIMONY	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	SILVER	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	NICKEL	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	VANADIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	MANGANESE	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	MOLYBDENUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	SELENIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPIDOPSETTA BILINE	LEAD	X	X	X	X	1	X	X	NORTHERN PACIFIC
LEPOPHIDIUM CERVINU	TIN	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	COPPER	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	ZINC	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	CHROMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	CADMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	ARSENIC	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	ANTIMONY	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	SILVER	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	NICKEL	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	VANADIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	MANGANESE	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	MOLYBDENUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	SELENIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
LEPOPHIDIUM CERVINU	LEAD	X	X	X	X	1	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	TIN	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	MERCURY-TOTAL	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	COPPER	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	ZINC	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	CHROMIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	CADMIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	ARSENIC	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	ANTIMONY	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	SILVER	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	NICKEL	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	VANADIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	MANGANESE	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	MOLYBDENUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	SELENIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
LIMANDA FERRUGINEA	LEAD	X	X	X	X	9	X	X	NORTH ATLANTIC O
LOLIGO OPALESCENS	TIN	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	MERCURY-TOTAL	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	COPPER	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	ZINC	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	CHROMIUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	CADMIUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	ARSENIC	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	ANTIMONY	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	SILVER	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	NICKEL	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	VANADIUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	MANGANESE	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	MOLYBDENUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	SELENIUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO OPALESCENS	LEAD	X	X	X	X	3	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	TIN	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	MERCURY-TOTAL	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	COPPER	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	ZINC	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	CHROMIUM	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	CADMIUM	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	ARSENIC	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	ANTIMONY	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	SILVER	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	NICKEL	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	VANADIUM	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	MANGANESE	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	MOLYBDENUM	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	SELENIUM	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOLIGO PEALEI	LEAD	X	X	X	X	15	X	X	NORTHERN PACIFIC
LOPHIUS AMERICANUS	TIN	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	MERCURY-TOTAL	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	COPPER	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	ZINC	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	CHROMIUM	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	CADMIUM	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	ARSENIC	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	ANTIMONY	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	SILVER	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	NICKEL	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	VANADIUM	X	X	X	X	16	X	X	NORTH ATLANTIC O
LOPHIUS AMERICANUS	MANGANESE	X	X	X	X	16	X	X	NORTH ATLANTIC O

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	NUMB STNS	RAW DATA COMP	RAW DATA PUBLSH	GEOGRAPHIC AREA	WAT COD
LOPHIUS AMERICANUS	MOLYBDENUM	X	X	X	X	16	X	X	NORTH ATLANTIC O	
LOPHIUS AMERICANUS	SELENIUM	X	X	X	X	16	X	X	NORTH ATLANTIC O	
LOPHIUS AMERICANUS	LEAD	X	X	X	X	16	X	X	NORTH ATLANTIC O	
LOPHOLATILUS CHAMAE	TIN	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	MERCURY-TOTAL	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	COPPER	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	ZINC	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	CHROMIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	CADMIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	ARSENIC	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	ANTIMONY	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	SILVER	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	NICKEL	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	VANADIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	MANGANESE	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	MOLYBDENUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	SELENIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LOPHOLATILUS CHAMAE	LEAD	X	X	X	X	2	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	TIN	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	MERCURY-TOTAL	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	COPPER	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	ZINC	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	CHROMIUM	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	CADMIUM	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	ARSENIC	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	ANTIMONY	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	SILVER	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	NICKEL	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	VANADIUM	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	MANGANESE	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	MOLYBDENUM	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	SELENIUM	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS BUCCANELLA	LEAD	X			X	1	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	TIN	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	MERCURY-TOTAL	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	COPPER	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	ZINC	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	CHROMIUM	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	CADMIUM	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	ARSENIC	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	ANTIMONY	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	SILVER	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	NICKEL	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	VANADIUM	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	MANGANESE	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	MOLYBDENUM	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	SELENIUM	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	LEAD	X			X	1	X	X	NORTH ATLANTIC O	
LUTJANUS CAMPECHANU	TIN	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	MERCURY-TOTAL	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	COPPER	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	ZINC	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	CHROMIUM	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	CADMIUM	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	ARSENIC	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	ANTIMONY	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	SILVER	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	NICKEL	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	VANADIUM	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	MANGANESE	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	MOLYBDENUM	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	SELENIUM	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS CAMPECHANU	LEAD	X	X	X	X	3	X	X	CARIBBEAN SEA AN	
LUTJANUS GRISEUS	TIN	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	MERCURY-TOTAL	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	COPPER	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	ZINC	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	CHROMIUM	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	CADMIUM	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	ARSENIC	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	ANTIMONY	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	SILVER	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	NICKEL	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	VANADIUM	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	MANGANESE	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	MOLYBDENUM	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	SELENIUM	X	X		X	4	X	X	NORTH ATLANTIC O	
LUTJANUS GRISEUS	LEAD	X	X		X	4	X	X	NORTH ATLANTIC O	
MACROZOARCES AMERIC	TIN	X	X	X	X	8	X	X	NORTH ATLANTIC O	
MACROZOARCES AMERIC	MERCURY-TOTAL	X	X	X	X	8	X	X	NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MACROZOARCES AMERIC	COPPER	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	ZINC	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	CHROMIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	CADMIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	ARSENIC	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	ANTIMONY	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	SILVER	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	NICKEL	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	VANADIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	MANGANESE	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	MOLYBDENUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	SELENIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MACROZOARCES AMERIC	LEAD	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	TIN	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	MERCURY-TOTAL	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	COPPER	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	ZINC	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	CHROMIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	CADMIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	ARSENIC	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	ANTIMONY	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	SILVER	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	NICKEL	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	VANADIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	MANGANESE	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	MOLYBDENUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	SELENIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	LEAD	X	X	X					X											5						X		X				NORTH ATLANTIC O	
MAKAIRA NIGRICANS	TIN	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	MERCURY-TOTAL	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	COPPER	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	ZINC	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	CHROMIUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	CADMIUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	ARSENIC	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	ANTIMONY	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	SILVER	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	NICKEL	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	VANADIUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	MANGANESE	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	MOLYBDENUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	SELENIUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MAKAIRA NIGRICANS	LEAD	X	X	X					X											3						X		X				NORTHERN PACIFIC	
MEGALOPS ATLANTICA	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MEGALOPS ATLANTICA	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MELANOGRAMMUS AEGLE	TIN	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	MERCURY-TOTAL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	COPPER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	ZINC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	CHROMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	CADMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	ARSENIC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	ANTIMONY	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	SILVER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	NICKEL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	VANADIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	MANGANESE	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	MOLYBDENUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	SELENIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MELANOGRAMMUS AEGLE	LEAD	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MENTICIRRHUS AMERIC	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTE	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHBS	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MENTICIRRHUS AMERIC	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS AMERIC	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
MENTICIRRHUS SAXATI	TIN	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	MERCURY-TOTAL	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	COPPER	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	ZINC	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	CHROMIUM	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	CADMIUM	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	ARSENIC	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	ANTIMONY	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	SILVER	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	NICKEL	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	VANADIUM	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	MANGANESE	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	MOLYBDENUM	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	SELENIUM	X							X											1						X		X				NORTH ATLANTIC O	
MENTICIRRHUS SAXATI	LEAD	X							X											1						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	TIN	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	MERCURY-TOTAL	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	COPPER	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	ZINC	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	CHROMIUM	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	CADMIUM	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	ARSENIC	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	ANTIMONY	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	SILVER	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	NICKEL	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	VANADIUM	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	MANGANESE	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	MOLYBDENUM	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	SELENIUM	X							X											5						X		X				NORTH ATLANTIC O	
MERCENARIA MERCENAR	LEAD	X							X											5						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	TIN	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	MERCURY-TOTAL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	COPPER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	ZINC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	CHROMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	CADMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	ARSENIC	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	ANTIMONY	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	SILVER	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	NICKEL	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	VANADIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	MANGANESE	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	MOLYBDENUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	SELENIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS BILINEAR	LEAD	X	X	X					X											11						X		X				NORTH ATLANTIC O	
MERLUCCIUS PRODUCTU	TIN	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	MERCURY-TOTAL	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	COPPER	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	ZINC	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	CHROMIUM	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	CADMIUM	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	ARSENIC	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	ANTIMONY	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	SILVER	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	NICKEL	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	VANADIUM	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	MANGANESE	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	MOLYBDENUM	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	SELENIUM	X							X											7						X		X				NORTHERN PACIFIC	
MERLUCCIUS PRODUCTU	LEAD	X							X											7						X		X				NORTHERN PACIFIC	
MICROPOGON UNDULATU	TIN	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	MERCURY-TOTAL	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	COPPER	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	ZINC	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	CHROMIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	CADMIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	ARSENIC	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	ANTIMONY	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	SILVER	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	NICKEL	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	VANADIUM	X	X	X					X											8						X		X				NORTH ATLANTIC O	
MICROPOGON UNDULATU	MANGANESE	X	X	X					X											8						X		X				NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN	HUMANS	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SWATER	RAW DATA: COMP	RAW DATA: PUBLSH	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
MICROPOGON UNDULATU	MOLYBDENUM	X	X	X	X			8				X	X		NORTH ATLANTIC O	
MICROPOGON UNDULATU	SELENIUM	X	X	X	X			8				X	X		NORTH ATLANTIC O	
MICROPOGON UNDULATU	LEAD	X	X	X	X			8				X	X		NORTH ATLANTIC O	
MICROPOGON UNDULATU	TIN	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	MERCURY-TOTAL	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	COPPER	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	ZINC	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	CHROMIUM	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	CADMIUM	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	ARSENIC	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	ANTIMONY	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	SILVER	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	NICKEL	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	VANADIUM	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	MANGANESE	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	MOLYBDENUM	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	SELENIUM	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROPOGON UNDULATU	LEAD	X	X	X	X			5				X	X		CARIBBEAN SEA AN	
MICROSTOMUS PACIFIC	TIN	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	MERCURY-TOTAL	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	COPPER	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	ZINC	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	CHROMIUM	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	CADMIUM	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	ARSENIC	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	ANTIMONY	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	SILVER	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	NICKEL	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	VANADIUM	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	MANGANESE	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	MOLYBDENUM	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	SELENIUM	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MICROSTOMUS PACIFIC	LEAD	X	X	X	X			11				X	X		NORTHERN PACIFIC	
MORONE AMERICANA	TIN	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	MERCURY-TOTAL	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	COPPER	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	ZINC	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	CHROMIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	CADMIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	ARSENIC	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	ANTIMONY	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	SILVER	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	NICKEL	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	VANADIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	MANGANESE	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	MOLYBDENUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	SELENIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE AMERICANA	LEAD	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	TIN	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	MERCURY-TOTAL	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	COPPER	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	ZINC	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	CHROMIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	CADMIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	ARSENIC	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	ANTIMONY	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	SILVER	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	NICKEL	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	VANADIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	MANGANESE	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	MOLYBDENUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	SELENIUM	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	LEAD	X	X	X	X			4				X	X		NORTH ATLANTIC O	
MORONE SAXATILIS	TIN	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	MERCURY-TOTAL	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	COPPER	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	ZINC	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	CHROMIUM	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	CADMIUM	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	ARSENIC	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	ANTIMONY	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	SILVER	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	NICKEL	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	VANADIUM	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	MANGANESE	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	MOLYBDENUM	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	SELENIUM	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MORONE SAXATILIS	LEAD	X	X	X	X			4				X	X		NORTHERN PACIFIC	
MUGIL CEPHALUS	TIN	X	X	X	X			5				X	X		NORTH ATLANTIC O	
MUGIL CEPHALUS	MERCURY-TOTAL	X	X	X	X			5				X	X		NORTH ATLANTIC O	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT (D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C	L	W	A	D	N	I	F	S	D	F	A	O	SAMPLE ORIGIN	H	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S	YR ST	YR EN	C	I	P	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
MUGIL CEPHALUS	COPPER	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	ZINC	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	CHROMIUM	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	CADMIUM	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	ARSENIC	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	ANTIMONY	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	SILVER	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	NICKEL	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	VANADIUM	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	MANGANESE	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	MOLYBDENUM	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	SELENIUM	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	LEAD	X	X	X					X								5						X		X		NORTH ATLANTIC O	
MUGIL CEPHALUS	TIN	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	MERCURY-TOTAL	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	COPPER	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	ZINC	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	CHROMIUM	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	CADMIUM	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	ARSENIC	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	ANTIMONY	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	SILVER	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	NICKEL	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	VANADIUM	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	MANGANESE	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	MOLYBDENUM	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	SELENIUM	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	LEAD	X	X	X					X								8						X		X		CARIBBEAN SEA AN	
MUGIL CEPHALUS	TIN	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	MERCURY-TOTAL	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	COPPER	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	ZINC	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	CHROMIUM	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	CADMIUM	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	ARSENIC	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	ANTIMONY	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	SILVER	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	NICKEL	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	VANADIUM	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	MANGANESE	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	MOLYBDENUM	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	SELENIUM	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CEPHALUS	LEAD	X		X					X								3						X		X		NORTHERN PACIFIC	
MUGIL CUREMA	TIN	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	MERCURY-TOTAL	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	COPPER	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	ZINC	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	CHROMIUM	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	CADMIUM	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	ARSENIC	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	ANTIMONY	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	SILVER	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	NICKEL	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	VANADIUM	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	MANGANESE	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	MOLYBDENUM	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	SELENIUM	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	LEAD	X	X	X					X								2						X		X		NORTH ATLANTIC O	
MUGIL CUREMA	TIN	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	MERCURY-TOTAL	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	COPPER	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	ZINC	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	CHROMIUM	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	CADMIUM	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	ARSENIC	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	ANTIMONY	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	SILVER	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	NICKEL	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	VANADIUM	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	MANGANESE	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	MOLYBDENUM	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	SELENIUM	X							X								1						X		X		CARIBBEAN SEA AN	
MUGIL CUREMA	LEAD	X							X								1						X		X		CARIBBEAN SEA AN	
MULLOIDICHTHYS SAMO	TIN	X		X					X								4						X		X		NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	MERCURY-TOTAL	X		X					X								4						X		X		NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	COPPER	X		X					X								4						X		X		NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	ZINC	X		X					X								4						X		X		NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	CHROMIUM	X		X					X								4						X		X		NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	CADMIUM	X		X					X								4						X		X		NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	ARSENIC	X		X					X								4						X		X		NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD WCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MULLOIDICHTHYS SAMO	ANTIMONY	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	SILVER	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	NICKEL	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	VANADIUM	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	MANGANESE	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	MOLYBDENUM	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	SELENIUM	X		X					X											4						X		X				NORTHERN PACIFIC	
MULLOIDICHTHYS SAMO	LEAD	X		X					X											4						X		X				NORTHERN PACIFIC	
MUSTELUS CANIS	TIN	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	MERCURY-TOTAL	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	COPPER	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	ZINC	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	CHROMIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	CADMIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	ARSENIC	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	ANTIMONY	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	SILVER	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	NICKEL	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	VANADIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	MANGANESE	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	MOLYBDENUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	SELENIUM	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MUSTELUS CANIS	LEAD	X	X	X					X											10						X		X				NORTH ATLANTIC O	
MYA ARENARIA	TIN	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	MERCURY-TOTAL	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	COPPER	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	ZINC	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	CHROMIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	CADMIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	ARSENIC	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	ANTIMONY	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	SILVER	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	NICKEL	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	VANADIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	MANGANESE	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	MOLYBDENUM	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	SELENIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYA ARENARIA	LEAD	X							X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA BONACI	TIN	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	MERCURY-TOTAL	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	COPPER	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	ZINC	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	CHROMIUM	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	CADMIUM	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	ARSENIC	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	ANTIMONY	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	SILVER	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	NICKEL	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	VANADIUM	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	MANGANESE	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	MOLYBDENUM	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	SELENIUM	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA BONACI	LEAD	X							X											3						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA INTERS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA INTERS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA MICROL	TIN	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	MERCURY-TOTAL	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	COPPER	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	ZINC	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	CHROMIUM	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	CADMIUM	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	ARSENIC	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	ANTIMONY	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	SILVER	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	NICKEL	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	VANADIUM	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	MANGANESE	X							X											2						X		X				CARIBBEAN SEA AN	

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HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCULT	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSF	BIOASSAYS TOXCTY	PODCHTNY	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYCTEROPERCA MICROL	MOLYBDENUM	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	SELENIUM	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA MICROL	LEAD	X							X											2						X		X				CARIBBEAN SEA AN	
MYCTEROPERCA PHENAX	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYCTEROPERCA PHENAX	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	TIN	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	MERCURY-TOTAL	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	COPPER	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	ZINC	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	CHROMIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	CADMIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	ARSENIC	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	ANTIMONY	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	SILVER	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	NICKEL	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	VANADIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	MANGANESE	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	MOLYBDENUM	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	SELENIUM	X							X											1						X		X				NORTH ATLANTIC O	
MYOXOCEPHALUS OCTOD	LEAD	X							X											1						X		X				NORTH ATLANTIC O	
MYRIPRISTIS ARGYROM	TIN	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	MERCURY-TOTAL	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	COPPER	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	ZINC	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	CHROMIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	CADMIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	ARSENIC	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	ANTIMONY	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	SILVER	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	NICKEL	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	VANADIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	MANGANESE	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	MOLYBDENUM	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	SELENIUM	X		X					X											2						X		X				NORTHERN PACIFIC	
MYRIPRISTIS ARGYROM	LEAD	X		X					X											2						X		X				NORTHERN PACIFIC	
OCYURUS CHRYSURUS	TIN	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	MERCURY-TOTAL	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	COPPER	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	ZINC	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	CHROMIUM	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	CADMIUM	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	ARSENIC	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	ANTIMONY	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	SILVER	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	NICKEL	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	VANADIUM	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	MANGANESE	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	MOLYBDENUM	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	SELENIUM	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	LEAD	X	X						X											1						X		X				NORTH ATLANTIC O	
OCYURUS CHRYSURUS	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
OCYURUS CHRYSURUS	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
ONCORHYNCHUS GORBUS	TIN	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	MERCURY-TOTAL	X	X	X					X											3						X		X				BERING SEA	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICE	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
ONCORHYNCHUS GORBUS	COPPER	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	ZINC	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	CHROMIUM	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	CADMIUM	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	ARSENIC	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	ANTIMONY	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	SILVER	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	NICKEL	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	VANADIUM	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	MANGANESE	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	MOLYBDENUM	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	SELENIUM	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	LEAD	X	X	X					X											3						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS GORBUS	TIN	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	MERCURY-TOTAL	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	COPPER	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	ZINC	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	CHROMIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	CADMIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	ARSENIC	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	ANTIMONY	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	SILVER	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	NICKEL	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	VANADIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	MANGANESE	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	MOLYBDENUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	SELENIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS GORBUS	LEAD	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS KETA	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KETA	TIN	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	MERCURY-TOTAL	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	COPPER	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	ZINC	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	CHROMIUM	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	CADMIUM	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	ARSENIC	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	ANTIMONY	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	SILVER	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	NICKEL	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	VANADIUM	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	MANGANESE	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	MOLYBDENUM	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	SELENIUM	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KETA	LEAD	X	X	X					X											5						X		X				BERING SEA	
ONCORHYNCHUS KISUTC	TIN	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	MERCURY-TOTAL	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	COPPER	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	ZINC	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	CHROMIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	CADMIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	ARSENIC	X	X	X					X											6						X		X				NORTHERN PACIFIC	

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PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MYR YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHNY	OTHBIO	GEOGRAPHIC AREA	WAT COD
ONCORHYNCHUS KISUTC	ANTIMONY	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	SILVER	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	NICKEL	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	VANADIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	MANGANESE	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	MOLYBDENUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	SELENIUM	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS KISUTC	LEAD	X	X	X					X											6						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	TIN	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	MERCURY-TOTAL	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	COPPER	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	ZINC	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	CHROMIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	CADMIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	ARSENIC	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	ANTIMONY	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	SILVER	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	NICKEL	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	VANADIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	MANGANESE	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	MOLYBDENUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	SELENIUM	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	LEAD	X	X	X					X											5						X		X				NORTHERN PACIFIC	
ONCORHYNCHUS TSHAWY	TIN	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	MERCURY-TOTAL	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	COPPER	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	ZINC	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	CHROMIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	CADMIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	ARSENIC	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	ANTIMONY	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	SILVER	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	NICKEL	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	VANADIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	MANGANESE	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	MOLYBDENUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	SELENIUM	X	X	X					X											4						X		X				BERING SEA	
ONCORHYNCHUS TSHAWY	LEAD	X	X	X					X											4						X		X				BERING SEA	
OPHIODON ELONGATUS	TIN	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	MERCURY-TOTAL	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	COPPER	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	ZINC	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	CHROMIUM	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	CADMIUM	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	ARSENIC	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	ANTIMONY	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	SILVER	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	NICKEL	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	VANADIUM	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	MANGANESE	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	MOLYBDENUM	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	SELENIUM	X	X	X					X											13						X		X				NORTHERN PACIFIC	
OPHIODON ELONGATUS	LEAD	X	X	X					X											13						X		X				NORTHERN PACIFIC	
ORTHOPRISTIS CHRYSO	TIN	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	COPPER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	ZINC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	CHROMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	CADMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	ARSENIC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	ANTIMONY	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	SILVER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	NICKEL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	VANADIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	MANGANESE	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	MOLYBDENUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	SELENIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
ORTHOPRISTIS CHRYSO	LEAD	X	X	X					X											4						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	TIN	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	MERCURY-TOTAL	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	COPPER	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	ZINC	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	CHROMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	CADMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	ARSENIC	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	ANTIMONY	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	SILVER	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	NICKEL	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	VANADIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PAGRUS SEDECIM	MANGANESE	X	X	X					X											3						X		X				NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	NUMB STNS	RAW DATA COMP	RAW DATA PUBLSH	GEOGRAPHIC AREA
PAGRUS SEDECIM	MOLYBDENUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
PAGRUS SEDECIM	SELENIUM	X	X	X	X	3	X	X	NORTH ATLANTIC O
PAGRUS SEDECIM	LEAD	X	X	X	X	3	X	X	NORTH ATLANTIC O
PANDALOPSIS DISPAR	TIN	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	MERCURY-TOTAL	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	COPPER	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	ZINC	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	CHROMIUM	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	CADMIUM	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	ARSENIC	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	ANTIMONY	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	SILVER	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	NICKEL	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	VANADIUM	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	MANGANESE	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	MOLYBDENUM	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	SELENIUM	X			X	2	X	X	BERING SEA
PANDALOPSIS DISPAR	LEAD	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	TIN	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	MERCURY-TOTAL	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	COPPER	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	ZINC	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	CHROMIUM	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	CADMIUM	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	ARSENIC	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	ANTIMONY	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	SILVER	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	NICKEL	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	VANADIUM	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	MANGANESE	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	MOLYBDENUM	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	SELENIUM	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	LEAD	X		X	X	9	X	X	NORTH ATLANTIC O
PANDALUS BOREALIS	TIN	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	MERCURY-TOTAL	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	COPPER	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	ZINC	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	CHROMIUM	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	CADMIUM	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	ARSENIC	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	ANTIMONY	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	SILVER	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	NICKEL	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	VANADIUM	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	MANGANESE	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	MOLYBDENUM	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	SELENIUM	X			X	2	X	X	BERING SEA
PANDALUS BOREALIS	LEAD	X			X	2	X	X	BERING SEA
PANDALUS JORDANI	TIN	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	MERCURY-TOTAL	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	COPPER	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	ZINC	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	CHROMIUM	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	CADMIUM	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	ARSENIC	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	ANTIMONY	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	SILVER	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	NICKEL	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	VANADIUM	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	MANGANESE	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	MOLYBDENUM	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	SELENIUM	X			X	1	X	X	NORTHERN PACIFIC
PANDALUS JORDANI	LEAD	X			X	1	X	X	NORTHERN PACIFIC
PANULIRUS ARGUS	TIN	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	MERCURY-TOTAL	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	COPPER	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	ZINC	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	CHROMIUM	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	CADMIUM	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	ARSENIC	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	ANTIMONY	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	SILVER	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	NICKEL	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	VANADIUM	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	MANGANESE	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	MOLYBDENUM	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	SELENIUM	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	LEAD	X		X	X	2	X	X	NORTH ATLANTIC O
PANULIRUS ARGUS	TIN	X			X	2	X	X	CARIBBEAN SEA AN
PANULIRUS ARGUS	MERCURY-TOTAL	X			X	2	X	X	CARIBBEAN SEA AN

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
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PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PANULIRUS ARGUS	COPPER	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	ZINC	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	CHROMIUM	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	CADMIUM	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	ARSENIC	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	ANTIMONY	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	SILVER	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	NICKEL	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	VANADIUM	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	MANGANESE	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	MOLYBDENUM	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	SELENIUM	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS ARGUS	LEAD	X							X											2						X		X				CARIBBEAN SEA AN	
PANULIRUS INTERRUPT	TIN	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	MERCURY-TOTAL	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	COPPER	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	ZINC	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	CHROMIUM	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	CADMIUM	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	ARSENIC	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	ANTIMONY	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	SILVER	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	NICKEL	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	VANADIUM	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	MANGANESE	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	MOLYBDENUM	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	SELENIUM	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PANULIRUS INTERRUPT	LEAD	X	X	X					X											1						X		X				SOUTH CHINA SEA	
PARALICHTHYS ALBIGU	TIN	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	MERCURY-TOTAL	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	COPPER	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	ZINC	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	CHROMIUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	CADMIUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	ARSENIC	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	ANTIMONY	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	SILVER	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	NICKEL	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	VANADIUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	MANGANESE	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	MOLYBDENUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	SELENIUM	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS ALBIGU	LEAD	X	X	X					X											3						X		X				CARIBBEAN SEA AN	
PARALICHTHYS DENTAT	TIN	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	MERCURY-TOTAL	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	COPPER	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	ZINC	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	CHROMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	CADMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	ARSENIC	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	ANTIMONY	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	SILVER	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	NICKEL	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	VANADIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	MANGANESE	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	MOLYBDENUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	SELENIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS DENTAT	LEAD	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PARALICHTHYS LETHOS	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
PARALICHTHYS LETHOS	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
PARALICHTHYS LETHOS	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
PARALICHTHYS LETHOS	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
PARALICHTHYS LETHOS	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
PARALICHTHYS LETHOS	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
PARALICHTHYS LETHOS	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	

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SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT(D34) - RESOURCE SURVEY   DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN L	SAMPLE DESCRPTN W	PRESERVATION METHOD F	NUMB STNS	RAW DATA C	RAW DATA P	GEOGRAPHIC AREA
PARALICHTHYS LETHOS	ANTIMONY	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	SILVER	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	NICKEL	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	VANADIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	MANGANESE	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	MOLYBDENUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	SELENIUM	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS LETHOS	LEAD	X	X	X	X	2	X	X	CARIBBEAN SEA AN
PARALICHTHYS OBLONG	TIN	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	MERCURY-TOTAL	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	COPPER	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	ZINC	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	CHROMIUM	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	CADMIUM	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	ARSENIC	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	ANTIMONY	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	SILVER	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	NICKEL	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	VANADIUM	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	MANGANESE	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	MOLYBDENUM	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	SELENIUM	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALICHTHYS OBLONG	LEAD	X	X	X	X	12	X	X	NORTH ATLANTIC O
PARALITHODES CUMTSC	TIN	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	MERCURY-TOTAL	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	COPPER	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	ZINC	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	CHROMIUM	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	CADMIUM	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	ARSENIC	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	ANTIMONY	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	SILVER	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	NICKEL	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	VANADIUM	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	MANGANESE	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	MOLYBDENUM	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	SELENIUM	X			X	3	X	X	BERING SEA
PARALITHODES CUMTSC	LEAD	X			X	3	X	X	BERING SEA
PAROPHRYS VETULUS	TIN	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	MERCURY-TOTAL	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	COPPER	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	ZINC	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	CHROMIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	CADMIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	ARSENIC	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	ANTIMONY	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	SILVER	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	NICKEL	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	VANADIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	MANGANESE	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	MOLYBDENUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	SELENIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
PAROPHRYS VETULUS	LEAD	X	X	X	X	11	X	X	NORTHERN PACIFIC
PENAEUS AZTECUS	TIN	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	MERCURY-TOTAL	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	COPPER	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	ZINC	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	CHROMIUM	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	CADMIUM	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	ARSENIC	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	ANTIMONY	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	SILVER	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	NICKEL	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	VANADIUM	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	MANGANESE	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	MOLYBDENUM	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	SELENIUM	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS AZTECUS	LEAD	X	X	X	X	5	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	TIN	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	MERCURY-TOTAL	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	COPPER	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	ZINC	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	CHROMIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	CADMIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	ARSENIC	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	ANTIMONY	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	SILVER	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	NICKEL	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	VANADIUM	X	X	X	X	4	X	X	CARIBBEAN SEA AN
PENAEUS DUORARUM	MANGANESE	X	X	X	X	4	X	X	CARIBBEAN SEA AN

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PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD WCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PENAEUS DUORARUM	MOLYBDENUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS DUORARUM	SELENIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS DUORARUM	LEAD	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
PENAEUS SETIFERUS	TIN	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	MERCURY-TOTAL	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	COPPER	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	ZINC	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	CHROMIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	CADMIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	ARSENIC	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	ANTIMONY	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	SILVER	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	NICKEL	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	VANADIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	MANGANESE	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	MOLYBDENUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	SELENIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PENAEUS SETIFERUS	LEAD	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
PEPRILUS ALEPIDOTUS	TIN	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	MERCURY-TOTAL	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	COPPER	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	ZINC	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	CHROMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	CADMIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	ARSENIC	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	ANTIMONY	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	SILVER	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	NICKEL	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	VANADIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	MANGANESE	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	MOLYBDENUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	SELENIUM	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS ALEPIDOTUS	LEAD	X	X	X					X											3						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	TIN	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	MERCURY-TOTAL	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	COPPER	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	ZINC	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	CHROMIUM	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	CADMIUM	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	ARSENIC	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	ANTIMONY	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	SILVER	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	NICKEL	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	VANADIUM	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	MANGANESE	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	MOLYBDENUM	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	SELENIUM	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PEPRILUS TRIACANTHU	LEAD	X	X	X					X											13						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	TIN	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	MERCURY-TOTAL	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	COPPER	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	ZINC	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	CHROMIUM	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	CADMIUM	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	ARSENIC	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	ANTIMONY	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	SILVER	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	NICKEL	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	VANADIUM	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	MANGANESE	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	MOLYBDENUM	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	SELENIUM	X	X						X											2						X		X				NORTH ATLANTIC O	
PLACOPECTEN MAGELLA	LEAD	X	X						X											2						X		X				NORTH ATLANTIC O	
POGONIAS CROMIS	TIN	X	X	X					X											9						X		X				CARIBBEAN SEA AN	
POGONIAS CROMIS	MERCURY-TOTAL	X	X	X					X											9						X		X				CARIBBEAN SEA AN	

DATE 771208   INSTITUTE(B15)   NATIONAL MARINE FISHERIES SERVICE
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COLLEGE PARK,MD.20740   UNITED STATES

PROJECT(D34) - RESOURCE SURVEY   DATA VALID AS OF 23/06/77

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HOST SUBSTANCE   CONTAMINANT   C SAMPLE    PRESERVATION      SAMPLE   H NUMB ANNL NUMBER S  RAW DATA     BIOAS- GEOGRAPHIC   WAT
                               A DESCRPTN  METHOD            ORIGIN   U STNS FREQ  /YEAR I               SAYS   AREA         COD
                               L  L W A D  N I F S D F A O   F C A O  M                  M YR YR C I P   T F O
                               B  E E G E  C C R A R O L T   I O Q T  C                  W ST EN O N U   O D T
                               R  N I E V  T E O L I R C H   E M C H  O                  A       M H B   X C H
                               T  G G   S    D Z T E M O E   L R L E  N                  T       P S L   C H B
                               D  T H   T      E E D L H R   D C T R  S                  E         E S   T N I
                                  H T   G      N D   N L       L R    P                  R           H   Y   O
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HOST SUBSTANCE	CONTAMINANT	CALBRTD	LENGTH	WEIGHT	FROZEN	NUMB STNS	COMP	PUBLSH	GEOGRAPHIC AREA
POGONIAS CROMIS	COPPER	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	ZINC	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	CHROMIUM	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	CADMIUM	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	ARSENIC	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	ANTIMONY	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	SILVER	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	NICKEL	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	VANADIUM	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	MANGANESE	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	MOLYBDENUM	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	SELENIUM	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POGONIAS CROMIS	LEAD	X	X	X	X	9	X	X	CARIBBEAN SEA AN
POLLACHIUS VIRENS	TIN	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	MERCURY-TOTAL	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	COPPER	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	ZINC	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	CHROMIUM	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	CADMIUM	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	ARSENIC	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	ANTIMONY	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	SILVER	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	NICKEL	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	VANADIUM	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	MANGANESE	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	MOLYBDENUM	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	SELENIUM	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLLACHIUS VIRENS	LEAD	X	X	X	X	10	X	X	NORTH ATLANTIC O
POLYPUS MARMORATUS	TIN	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	MERCURY-TOTAL	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	COPPER	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	ZINC	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	CHROMIUM	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	CADMIUM	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	ARSENIC	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	ANTIMONY	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	SILVER	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	NICKEL	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	VANADIUM	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	MANGANESE	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	MOLYBDENUM	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	SELENIUM	X		X	X	2	X	X	NORTHERN PACIFIC
POLYPUS MARMORATUS	LEAD	X		X	X	2	X	X	NORTHERN PACIFIC
POMATOMUS SALTATRIX	TIN	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	MERCURY-TOTAL	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	COPPER	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	ZINC	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	CHROMIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	CADMIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	ARSENIC	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	ANTIMONY	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	SILVER	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	NICKEL	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	VANADIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	MANGANESE	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	MOLYBDENUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	SELENIUM	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	LEAD	X	X	X	X	9	X	X	NORTH ATLANTIC O
POMATOMUS SALTATRIX	TIN	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	MERCURY-TOTAL	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	COPPER	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	ZINC	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	CHROMIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	CADMIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	ARSENIC	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	ANTIMONY	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	SILVER	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	NICKEL	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	VANADIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	MANGANESE	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	MOLYBDENUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	SELENIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
POMATOMUS SALTATRIX	LEAD	X	X	X	X	1	X	X	CARIBBEAN SEA AN
PRIONACE GLAUCA	TIN	X	X	X	X	1	X	X	NORTH ATLANTIC O
PRIONACE GLAUCA	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTH ATLANTIC O
PRIONACE GLAUCA	COPPER	X	X	X	X	1	X	X	NORTH ATLANTIC O
PRIONACE GLAUCA	ZINC	X	X	X	X	1	X	X	NORTH ATLANTIC O
PRIONACE GLAUCA	CHROMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
PRIONACE GLAUCA	CADMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
PRIONACE GLAUCA	ARSENIC	X	X	X	X	1	X	X	NORTH ATLANTIC O

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HU MCOWSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA MYR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PRIONACE GLAUCA	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONACE GLAUCA	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	TIN	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	MERCURY-TOTAL	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	COPPER	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	ZINC	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	CHROMIUM	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	CADMIUM	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	ARSENIC	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	ANTIMONY	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	SILVER	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	NICKEL	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	VANADIUM	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	MANGANESE	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	MOLYBDENUM	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	SELENIUM	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS CAROLINUS	LEAD	X	X	X					X											16						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PRIONOTUS EVOLANS	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC	O
PROTOTHACA STAMINEA	TIN	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	MERCURY-TOTAL	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	COPPER	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	ZINC	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	CHROMIUM	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	CADMIUM	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	ARSENIC	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	ANTIMONY	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	SILVER	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	NICKEL	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	VANADIUM	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	MANGANESE	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	MOLYBDENUM	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	SELENIUM	X							X											1						X		X				BERING SEA	
PROTOTHACA STAMINEA	LEAD	X							X											1						X		X				BERING SEA	
PSEUDOPLEURONECTES	TIN	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	MERCURY-TOTAL	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	COPPER	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	ZINC	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	CHROMIUM	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	CADMIUM	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	ARSENIC	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	ANTIMONY	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	SILVER	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	NICKEL	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	VANADIUM	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	MANGANESE	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	MOLYBDENUM	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	SELENIUM	X	X	X					X											19						X		X				NORTH ATLANTIC	O
PSEUDOPLEURONECTES	LEAD	X	X	X					X											19						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	TIN	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	MERCURY-TOTAL	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	COPPER	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	ZINC	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	CHROMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	CADMIUM	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	ARSENIC	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	ANTIMONY	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	SILVER	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	NICKEL	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	VANADIUM	X	X	X					X											11						X		X				NORTH ATLANTIC	O
RAJA ERINACEA	MANGANESE	X	X	X					X											11						X		X				NORTH ATLANTIC	O

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
RAJA ERINACEA	MOLYBDENUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
RAJA ERINACEA	SELENIUM	X	X	X					X											11						X		X				NORTH ATLANTIC O	
RAJA ERINACEA	LEAD	X	X	X					X											11						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RAJA OCELLATA	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHIZOPRIONODON TERR	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	TIN	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	COPPER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	ZINC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	CHROMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	CADMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	ARSENIC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	ANTIMONY	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	SILVER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	NICKEL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	VANADIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	MANGANESE	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	MOLYBDENUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	SELENIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
RHOMBOPLITES AURORU	LEAD	X	X	X					X											4						X		X				NORTH ATLANTIC O	
SALMO CLARKI	TIN	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	COPPER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	ZINC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	CHROMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	CADMIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	ARSENIC	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO CLARKI	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SALMO GAIRDNERI	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTE	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SARDA CHILIENSIS	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA CHILIENSIS	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SARDA SARDA	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SARDA SARDA	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
SAXIDOMUS GIGANTEUS	TIN	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	MERCURY-TOTAL	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	COPPEF	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	ZINC	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	CHROMIUM	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	CADMIUM	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	ARSENIC	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	ANTIMONY	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	SILVER	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	NICKEL	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	VANADIUM	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	MANGANESE	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	MOLYBDENUM	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	SELENIUM	X	X						X											4						X		X				NORTHERN PACIFIC	
SAXIDOMUS GIGANTEUS	LEAD	X	X						X											4						X		X				NORTHERN PACIFIC	
SCIAENOPS OCELLATA	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCIAENOPS OCELLATA	TIN	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	MERCURY-TOTAL	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	COPPER	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	ZINC	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	CHROMIUM	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	CADMIUM	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	ARSENIC	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	ANTIMONY	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	SILVER	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	NICKEL	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	VANADIUM	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	MANGANESE	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	MOLYBDENUM	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	SELENIUM	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCIAENOPS OCELLATA	LEAD	X	X	X					X											7						X		X				CARIBBEAN SEA AN	
SCOMBER JAPONICUS	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740 UNITED STATES

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORML	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI M WATER	YR ST	YR EN	RAW DATA COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SCOMBER JAPONICUS	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER JAPONICUS	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SCOMBER SCOMBRUS	TIN	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	MERCURY-TOTAL	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	COPPER	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	ZINC	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	CHROMIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	CADMIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	ARSENIC	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	ANTIMONY	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	SILVER	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	NICKEL	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	VANADIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	MANGANESE	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	MOLYBDENUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	SELENIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBER SCOMBRUS	LEAD	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS CAVAL	TIN	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	MERCURY-TOTAL	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	COPPER	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	ZINC	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	CHROMIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	CADMIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	ARSENIC	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	ANTIMONY	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	SILVER	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	NICKEL	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	VANADIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	MANGANESE	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	MOLYBDENUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	SELENIUM	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS CAVAL	LEAD	X	X	X					X											6						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	TIN	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	MERCURY-TOTAL	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	COPPER	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	ZINC	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	CHROMIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	CADMIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	ARSENIC	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	ANTIMONY	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	SILVER	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	NICKEL	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	VANADIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	MANGANESE	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	MOLYBDENUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	SELENIUM	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	LEAD	X	X	X					X											5						X		X				NORTH ATLANTIC O	
SCOMBEROMORUS MACUL	TIN	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	MERCURY-TOTAL	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	COPPER	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	ZINC	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	CHROMIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	CADMIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	ARSENIC	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	ANTIMONY	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	SILVER	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	NICKEL	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	VANADIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	MANGANESE	X	X	X					X											4						X		X				CARIBBEAN SEA AN	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTED	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SCOMBEROMORUS MACUL	MOLYBDENUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	SELENIUM	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOMBEROMORUS MACUL	LEAD	X	X	X					X											4						X		X				CARIBBEAN SEA AN	
SCOPHTHALMUS AQUOSU	TIN	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	MERCURY-TOTAL	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	COPPER	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	ZINC	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	CHROMIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	CADMIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	ARSENIC	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	ANTIMONY	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	SILVER	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	NICKEL	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	VANADIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	MANGANESE	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	MOLYBDENUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	SELENIUM	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SCOPHTHALMUS AQUOSU	LEAD	X	X	X					X											7						X		X				NORTH ATLANTIC O	
SEBASTES ALUTUS	TIN	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	MERCURY-TOTAL	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	COPPER	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	ZINC	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	CHROMIUM	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	CADMIUM	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	ARSENIC	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	ANTIMONY	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	SILVER	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	NICKEL	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	VANADIUM	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	MANGANESE	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	MOLYBDENUM	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	SELENIUM	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES ALUTUS	LEAD	X	X						X											3						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	TIN	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	MERCURY-TOTAL	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	COPPER	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	ZINC	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	CHROMIUM	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	CADMIUM	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	ARSENIC	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	ANTIMONY	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	SILVER	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	NICKEL	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	VANADIUM	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	MANGANESE	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	MOLYBDENUM	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	SELENIUM	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES CAURINUS	LEAD	X	X						X											1						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES FLAVIDUS	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
SEBASTES MARINUS	TIN	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	MERCURY-TOTAL	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	COPPER	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	ZINC	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	CHROMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	CADMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	ARSENIC	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	ANTIMONY	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	SILVER	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	NICKEL	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	VANADIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	MANGANESE	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	MOLYBDENUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	SELENIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES MARINUS	LEAD	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SEBASTES PAUCISPINI	TIN	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SEBASTES PAUCISPINI	MERCURY-TOTAL	X	X	X					X											7						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CAL BRTD	SAMPLE DESCRPTN (1)	SAMPLE DESCRPTN (2)	PRESERVATION METHOD	NUMB STNS	RAW DATA (1)	RAW DATA (2)	GEOGRAPHIC AREA
SEBASTES PAUCISPINI	COPPER	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	ZINC	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	CHROMIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	CADMIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	ARSENIC	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	ANTIMONY	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	SILVER	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	NICKEL	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	VANADIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	MANGANESE	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	MOLYBDENUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	SELENIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PAUCISPINI	LEAD	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	TIN	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	MERCURY-TOTAL	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	COPPER	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	ZINC	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	CHROMIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	CADMIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	ARSENIC	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	ANTIMONY	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	SILVER	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	NICKEL	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	VANADIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	MANGANESE	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	MOLYBDENUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	SELENIUM	X	X	X	X	7	X	X	NORTHERN PACIFIC
SEBASTES PINNIGER	LEAD	X	X	X	X	7	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	TIN	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	COPPER	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	ZINC	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	CHROMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	CADMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	ARSENIC	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	ANTIMONY	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	SILVER	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	NICKEL	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	VANADIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	MANGANESE	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	MOLYBDENUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	SELENIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SERIOLA DORSALIS	LEAD	X	X	X	X	1	X	X	NORTHERN PACIFIC
SILIQUA PATULA	TIN	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	MERCURY-TOTAL	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	COPPER	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	ZINC	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	CHROMIUM	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	CADMIUM	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	ARSENIC	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	ANTIMONY	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	SILVER	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	NICKEL	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	VANADIUM	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	MANGANESE	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	MOLYBDENUM	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	SELENIUM	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	LEAD	X	X		X	2	X	X	NORTHERN PACIFIC
SILIQUA PATULA	TIN	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	MERCURY-TOTAL	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	COPPER	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	ZINC	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	CHROMIUM	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	CADMIUM	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	ARSENIC	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	ANTIMONY	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	SILVER	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	NICKEL	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	VANADIUM	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	MANGANESE	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	MOLYBDENUM	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	SELENIUM	X	X		X	2	X	X	BERING SEA
SILIQUA PATULA	LEAD	X	X		X	2	X	X	BERING SEA
SPHYRAENA ARGENTEA	TIN	X	X	X	X	1	X	X	NORTHERN PACIFIC
SPHYRAENA ARGENTEA	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTHERN PACIFIC
SPHYRAENA ARGENTEA	COPPER	X	X	X	X	1	X	X	NORTHERN PACIFIC
SPHYRAENA ARGENTEA	ZINC	X	X	X	X	1	X	X	NORTHERN PACIFIC
SPHYRAENA ARGENTEA	CHROMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SPHYRAENA ARGENTEA	CADMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
SPHYRAENA ARGENTEA	ARSENIC	X	X	X	X	1	X	X	NORTHERN PACIFIC

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PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCTLR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MY YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SPHYRAENA ARGENTEA	ANTIMONY	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	SILVER	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	NICKEL	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	VANADIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	MANGANESE	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA ARGENTEA	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
SPHYRAENA BARRACUDA	TIN	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	MERCURY-TOTAL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	COPPER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	ZINC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	CHROMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	CADMIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	ARSENIC	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	ANTIMONY	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	SILVER	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	NICKEL	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	VANADIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	MANGANESE	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	MOLYBDENUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	SELENIUM	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRAENA BARRACUDA	LEAD	X	X	X					X											1						X		X				CARIBBEAN SEA AN	
SPHYRNA LEWINI	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA LEWINI	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPHYRNA ZYGAENA	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	TIN	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	MERCURY-TOTAL	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	COPPER	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	ZINC	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	CHROMIUM	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	CADMIUM	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	ARSENIC	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	ANTIMONY	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	SILVER	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	NICKEL	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	VANADIUM	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	MANGANESE	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	MOLYBDENUM	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	SELENIUM	X							X											2						X		X				NORTH ATLANTIC O	
SPISULA SOLIDISSIMA	LEAD	X							X											2						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	TIN	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	MERCURY-TOTAL	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	COPPER	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	ZINC	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	CHROMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	CADMIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	ARSENIC	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	ANTIMONY	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	SILVER	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	NICKEL	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	VANADIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	MANGANESE	X	X	X					X											9						X		X				NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD MCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MYRST	YREN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SQUALUS ACANTHIAS	MOLYBDENUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	SELENIUM	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	LEAD	X	X	X					X											9						X		X				NORTH ATLANTIC O	
SQUALUS ACANTHIAS	TIN	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	MERCURY-TOTAL	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	COPPER	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	ZINC	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	CHROMIUM	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	CADMIUM	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	ARSENIC	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	ANTIMONY	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	SILVER	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	NICKEL	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	VANADIUM	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	MANGANESE	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	MOLYBDENUM	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	SELENIUM	X	X	X					X											7						X		X				NORTHERN PACIFIC	
SQUALUS ACANTHIAS	LEAD	X	X	X					X											7						X		X				NORTHERN PACIFIC	
STENOTOMUS CHRYSOPS	TIN	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	MERCURY-TOTAL	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	COPPER	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	ZINC	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	CHROMIUM	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	CADMIUM	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	ARSENIC	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	ANTIMONY	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	SILVER	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	NICKEL	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	VANADIUM	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	MANGANESE	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	MOLYBDENUM	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	SELENIUM	X	X	X					X											20						X		X				NORTH ATLANTIC O	
STENOTOMUS CHRYSOPS	LEAD	X	X	X					X											20						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	TIN	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	COPPER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	ZINC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	CHROMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	CADMIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	ARSENIC	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	ANTIMONY	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	SILVER	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	NICKEL	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	VANADIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	MANGANESE	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	MOLYBDENUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	SELENIUM	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TAUTOGA ONITIS	LEAD	X	X	X					X											2						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	TIN	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	MERCURY-TOTAL	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	COPPER	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	ZINC	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	CHROMIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	CADMIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	ARSENIC	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	ANTIMONY	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	SILVER	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	NICKEL	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	VANADIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	MANGANESE	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	MOLYBDENUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	SELENIUM	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	LEAD	X	X	X					X											6						X		X				NORTH ATLANTIC O	
TETRAPTURUS ALBIDUS	TIN	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	MERCURY-TOTAL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	COPPER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	ZINC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	CHROMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	CADMIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	ARSENIC	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	ANTIMONY	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	SILVER	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	NICKEL	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	VANADIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	MANGANESE	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	MOLYBDENUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	SELENIUM	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ALBIDUS	LEAD	X	X	X					X											2						X		X				CARIBBEAN SEA AN	
TETRAPTURUS ANGUSTI	TIN	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	MERCURY-TOTAL	X		X					X											7						X		X				NORTHERN PACIFIC	

SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: MYR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
TETRAPTURUS ANGUSTI	COPPER	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	ZINC	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	CHROMIUM	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	CADMIUM	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	ARSENIC	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	ANTIMONY	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	SILVER	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	NICKEL	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	VANADIUM	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	MANGANESE	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	MOLYBDENUM	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	SELENIUM	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS ANGUSTI	LEAD	X		X					X											7						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	TIN	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	MERCURY-TOTAL	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	COPPER	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	ZINC	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	CHROMIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	CADMIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	ARSENIC	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	ANTIMONY	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	SILVER	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	NICKEL	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	VANADIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	MANGANESE	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	MOLYBDENUM	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	SELENIUM	X		X					X											5						X		X				NORTHERN PACIFIC	
TETRAPTURUS AUDAX	LEAD	X		X					X											5						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	TIN	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	MERCURY-TOTAL	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	COPPER	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	ZINC	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	CHROMIUM	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	CADMIUM	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	ARSENIC	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	ANTIMONY	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	SILVER	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	NICKEL	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	VANADIUM	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	MANGANESE	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	MOLYBDENUM	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	SELENIUM	X	X						X											7						X		X				NORTHERN PACIFIC	
THALEICHTHYS PACIFI	LEAD	X	X						X											7						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	TIN	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	MERCURY-TOTAL	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	COPPER	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	ZINC	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	CHROMIUM	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	CADMIUM	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	ARSENIC	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	ANTIMONY	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	SILVER	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	NICKEL	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	VANADIUM	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	MANGANESE	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	MOLYBDENUM	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	SELENIUM	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	LEAD	X	X	X					X											3						X		X				GULF OF ALASKA	
THERAGRA CHALCOGRAM	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THERAGRA CHALCOGRAM	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	TIN	X	X	X					X											3						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	MERCURY-TOTAL	X	X	X					X											3						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	COPPER	X	X	X					X											3						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	ZINC	X	X	X					X											3						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	CHROMIUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	CADMIUM	X	X	X					X											3						X		X				NORTHERN PACIFIC	
THUNNUS ALALUNGA	ARSENIC	X	X	X					X											3						X		X				NORTHERN PACIFIC	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740
UNITED STATES

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	NUMB STNS	RAW DATA COMP	RAW DATA PUBL	GEOGRAPHIC AREA
THUNNUS ALALUNGA	ANTIMONY	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	SILVER	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	NICKEL	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	VANADIUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	MANGANESE	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	MOLYBDENUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	SELENIUM	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALALUNGA	LEAD	X	X	X	X	3	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	TIN	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	MERCURY-TOTAL	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	COPPER	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	ZINC	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	CHROMIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	CADMIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	ARSENIC	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	ANTIMONY	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	SILVER	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	NICKEL	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	VANADIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	MANGANESE	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	MOLYBDENUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	SELENIUM	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ALBACARES	LEAD	X	X	X	X	11	X	X	NORTHERN PACIFIC
THUNNUS ATLANTICUS	TIN	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	MERCURY-TOTAL	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	COPPER	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	ZINC	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	CHROMIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	CADMIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	ARSENIC	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	ANTIMONY	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	SILVER	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	NICKEL	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	VANADIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	MANGANESE	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	MOLYBDENUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	SELENIUM	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS ATLANTICUS	LEAD	X	X	X	X	1	X	X	CARIBBEAN SEA AN
THUNNUS OBESUS	TIN	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	MERCURY-TOTAL	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	COPPER	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	ZINC	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	CHROMIUM	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	CADMIUM	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	ARSENIC	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	ANTIMONY	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	SILVER	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	NICKEL	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	VANADIUM	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	MANGANESE	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	MOLYBDENUM	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	SELENIUM	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS OBESUS	LEAD	X	X	X	X	9	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	TIN	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	COPPER	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	ZINC	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	CHROMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	CADMIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	ARSENIC	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	ANTIMONY	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	SILVER	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	NICKEL	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	VANADIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	MANGANESE	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	MOLYBDENUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	SELENIUM	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	LEAD	X	X	X	X	1	X	X	NORTH ATLANTIC O
THUNNUS THYNNUS	TIN	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	COPPER	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	ZINC	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	CHROMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	CADMIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	ARSENIC	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	ANTIMONY	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	SILVER	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	NICKEL	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	VANADIUM	X	X	X	X	1	X	X	NORTHERN PACIFIC
THUNNUS THYNNUS	MANGANESE	X	X	X	X	1	X	X	NORTHERN PACIFIC

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK,MD.20740

UNITED STATES

PROJECT(D34) - RESOURCE SURVEY

DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMERCL	AQCULTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMPS	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT...
THUNNUS THYNNUS	MOLYBDENUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
THUNNUS THYNNUS	SELENIUM	X	X	X					X											1						X		X				NORTHERN PACIFIC	
THUNNUS THYNNUS	LEAD	X	X	X					X											1						X		X				NORTHERN PACIFIC	
TRACHINOTUS CAROLIN	TIN	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	COPPER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	ZINC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	CHROMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	CADMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	ARSENIC	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	ANTIMONY	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	SILVER	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	NICKEL	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	VANADIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	MANGANESE	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	MOLYBDENUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	SELENIUM	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS CAROLIN	LEAD	X	X	X					X											4						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS FALCATU	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	TIN	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	MERCURY-TOTAL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	COPPER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	ZINC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	CHROMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	CADMIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	ARSENIC	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	ANTIMONY	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	SILVER	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	NICKEL	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	VANADIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	MANGANESE	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	MOLYBDENUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	SELENIUM	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHINOTUS GOODEI	LEAD	X	X	X					X											1						X		X				NORTH ATLANTIC O	
TRACHURUS SYMMETRIC	TIN	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	MERCURY-TOTAL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	COPPER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	ZINC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	CHROMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	CADMIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	ARSENIC	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	ANTIMONY	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	SILVER	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	NICKEL	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	VANADIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	MANGANESE	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	MOLYBDENUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	SELENIUM	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACHURUS SYMMETRIC	LEAD	X	X	X					X											2						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	TIN	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	MERCURY-TOTAL	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	COPPER	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	ZINC	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	CHROMIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	CADMIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	ARSENIC	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	ANTIMONY	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	SILVER	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	NICKEL	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	VANADIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	MANGANESE	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	MOLYBDENUM	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	SELENIUM	X		X					X											1						X		X				NORTHERN PACIFIC	
TRACUROPS CRUMENOPT	LEAD	X		X					X											1						X		X				NORTHERN PACIFIC	
UROPHYCIS CHUSS	TIN	X	X	X					X											12						X		X				NORTH ATLANTIC O	
UROPHYCIS CHUSS	MERCURY-TOTAL	X	X	X					X											12						X		X				NORTH ATLANTIC O	

DATE 771208 INSTITUTE(B15) NATIONAL MARINE FISHERIES SERVICE UNITED STATES
SOUTHEAST FISHERY CENTER
COLLEGE PARK LABORATORY
COLLEGE PARK, MD. 20740

PROJECT(D34) - RESOURCE SURVEY DATA VALID AS OF 23/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
UROPHYCIS CHUSS	COPPER	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	ZINC	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	CHROMIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	CADMIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	ARSENIC	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	ANTIMONY	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	SILVER	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	NICKEL	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	VANADIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	MANGANESE	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	MOLYBDENUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	SELENIUM	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS CHUSS	LEAD	X	X	X					X											12						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	TIN	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	MERCURY-TOTAL	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	COPPER	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	ZINC	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	CHROMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	CADMIUM	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	ARSENIC	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	ANTIMONY	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	SILVER	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	NICKEL	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	VANADIUM	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	MANGANESE	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	MOLYBDENUM	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	SELENIUM	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS REGIUM	LEAD	X	X	X					X											4						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	TIN	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	MERCURY-TOTAL	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	COPPER	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	ZINC	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	CHROMIUM	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	CADMIUM	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	ARSENIC	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	ANTIMONY	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	SILVER	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	NICKEL	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	VANADIUM	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	MANGANESE	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	MOLYBDENUM	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	SELENIUM	X	X	X					X											13						X		X				NORTH ATLANTIC	0
UROPHYCIS TENUIS	LEAD	X	X	X					X											13						X		X				NORTH ATLANTIC	0

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FISHERIES BULLETIN SPECIAL SCIENTIFIC REPORT

DATE 771208 INSTITUTE(C01) NATIONAL FISHERIES UNIVERSITY OF BUSAN KOREA, REPUBLIC OF
DAEYEON-DONG, NAM-KU
BUSAN

PROJECT(C28) - STUDIES ON CONTENTS OF HG, CD, PB & CU IN EDIBLE SEAWEEDS DATA VALID AS OF 28/04/77

LEADER CHANG YANG KIM TELEPHONE 8-4551 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 2000 STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/72
OPERATIONAL	/72	CONTINUING

PURPOSE OF PROJECT

TO STUDY THE BACKGROUND LEVEL OF SELECTED HEAVY METALS IN EDIBLE SEAWEEDS IN KORFA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PORPHYRA PSEUDOLINE	MERCURY-TOTAL	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
PORPHYRA PSEUDOLINE	COPPER	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
PORPHYRA PSEUDOLINE	CADMIUM	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
PORPHYRA PSEUDOLINE	LEAD	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
PORPHYRA TENERA	MERCURY-TOTAL	X					X									X			X	8	1			72	72			X				EAST CHINA SEA(I	232
PORPHYRA TENERA	COPPER	X					X									X			X	8	1			72	72			X				EAST CHINA SEA(I	232
PORPHYRA TENERA	CADMIUM	X					X									X			X	8	1			72	72			X				EAST CHINA SEA(I	232
PORPHYRA TENERA	LEAD	X					X									X			X	8	1			72	72			X				EAST CHINA SEA(I	232
PORPHYRA YEZDENSIS	MERCURY-TOTAL	X					X									X			X	1	1			71	72			X				SEA OF JAPAN	232
PORPHYRA YEZDENSIS	COPPER	X					X									X			X	1	1			71	72			X				SEA OF JAPAN	232
PORPHYRA YEZDENSIS	CADMIUM	X					X									X			X	1	1			71	72			X				SEA OF JAPAN	232
PORPHYRA YEZDENSIS	LEAD	X					X									X			X	1	1			71	72			X				SEA OF JAPAN	232
UNDARIA PINNATIFIDA	MERCURY-TOTAL	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
UNDARIA PINNATIFIDA	COPPER	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
UNDARIA PINNATIFIDA	CADMIUM	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
UNDARIA PINNATIFIDA	LEAD	X					X									X			X	2	1			72	72			X				SEA OF JAPAN	232
UNDARIA PINNATIFIDA	MERCURY-TOTAL	X					X									X			X	4	1			72	72			X				EAST CHINA SEA(I	232
UNDARIA PINNATIFIDA	COPPER	X					X									X			X	4	1			72	72			X				EAST CHINA SEA(I	232
UNDARIA PINNATIFIDA	CADMIUM	X					X									X			X	4	1			72	72			X				EAST CHINA SEA(I	232
UNDARIA PINNATIFIDA	LEAD	X					X									X			X	4	1			72	72			X				EAST CHINA SEA(I	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULLETIN OF THE KOREAN FISHERIES SOCIETY 5(3),1972

DATE 771208 INSTITUTE(C01) NATIONAL FISHERIES UNIVERSITY OF BUSAN KOREA, REPUBLIC OF
DAEYEON-DONG,NAM-KU
BUSAN

PROJECT(C29) - CONCENTRATIONS OF HG, CD, PB & CU IN FISH & SHELLFISH DATA VALID AS OF 28/04/77

LEADER JONG HUN WON TELEPHONE 8-4551 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 2000 STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/72
OPERATIONAL	/72	CONTINUING

PURPOSE OF PROJECT

TO STUDY THE BACKGROUND LEVEL OF SELECTED HEAVY METALS IN FISH AND SHELLFISH OF KOREA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRABS-MARINE N.E.I.	MERCURY-TOTAL	X						X								X			X	8	1											SEA OF JAPAN	232
CRABS-MARINE N.E.I.	COPPER	X						X								X			X	8	1											SEA OF JAPAN	232
CRABS-MARINE N.E.I.	CADMIUM	X						X								X			X	8	1											SEA OF JAPAN	232
CRABS-MARINE N.E.I.	LEAD	X						X								X			X	8	1											SEA OF JAPAN	232
FISHES-MARINE N.E.I	MERCURY-TOTAL	X						X								X			X	8	1			71	72			X				SEA OF JAPAN	232
FISHES-MARINE N.E.I	COPPER	X						X								X			X	8	1			71	72			X				SEA OF JAPAN	232
FISHES-MARINE N.E.I	CADMIUM	X						X								X			X	8	1			71	72			X				SEA OF JAPAN	232
FISHES-MARINE N.E.I	LEAD	X						X								X			X	8	1			71	72			X				SEA OF JAPAN	232
HALIOTIS SPP.	MERCURY-TOTAL	X						X								X			X	8	1											EAST CHINA SEA(I	232
HALIOTIS SPP.	COPPER	X						X								X			X	8	1											EAST CHINA SEA(I	232
HALIOTIS SPP.	CADMIUM	X						X								X			X	8	1											EAST CHINA SEA(I	232
HALIOTIS SPP.	LEAD	X						X								X			X	8	1											EAST CHINA SEA(I	232
SHELLFISH N.E.I.	MERCURY-TOTAL	X						X								X			X	8	1											EAST CHINA SEA(I	232
SHELLFISH N.E.I.	COPPER	X						X								X			X	8	1											EAST CHINA SEA(I	232
SHELLFISH N.E.I.	CADMIUM	X						X								X			X	8	1											EAST CHINA SEA(I	232
SHELLFISH N.E.I.	LEAD	X						X								X			X	8	1											EAST CHINA SEA(I	232
SHRIMPS AND PRAWNS	MERCURY-TOTAL	X						X								X			X	8	1											SEA OF JAPAN	232
SHRIMPS AND PRAWNS	COPPER	X						X								X			X	8	1											SEA OF JAPAN	232
SHRIMPS AND PRAWNS	CADMIUM	X						X								X			X	8	1											SEA OF JAPAN	232
SHRIMPS AND PRAWNS	LEAD	X						X								X			X	8	1											SEA OF JAPAN	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULLETIN OF THE KOREAN FISHERIES SOCIETY 6(1,2),1973

COUNTY HALL, TRURO, CORNWALL

PROJECT(C55) - MONITORING LEVEL OF METALLIC RESIDUES IN FISH DATA VALID AS OF 01/04/77

LEADER REX J.F. TELEPHONE TRURO 4282 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/
OPERATIONAL	/71	CONTINUING

PURPOSE OF PROJECT

TO ESTABLISH LEVELS FOR METALLIC RESIDUES IN FISH LANDED IN CORNWALL. TO EVALUATE ANY INCREASE OR DECREASE IN THOSE LEVELS. TO ASCERTAIN WHETHER RESIDUAL LEVELS ARE RELATED TO THE SPECIES OF FISH.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CANCER PAGURUS	MERCURY-TOTAL						X								X				X		5			71	76		X					ENGLISH CHANNEL	233
CANCER PAGURUS	COPPER						X								X				X		5			71	76		X					ENGLISH CHANNEL	233
CANCER PAGURUS	CADMIUM						X								X				X		5			71	76		X					ENGLISH CHANNEL	233
CANCER PAGURUS	ARSENIC						X								X				X		5			71	76		X					ENGLISH CHANNEL	233
CANCER PAGURUS	LEAD						X								X				X		5			71	76		X					ENGLISH CHANNEL	233
LEPIDORHOMBUS WHIFF	MERCURY-TOTAL						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
LEPIDORHOMBUS WHIFF	COPPER						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
LEPIDORHOMBUS WHIFF	CADMIUM						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
LEPIDORHOMBUS WHIFF	LEAD						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MERLANGIUS MERLANGU	MERCURY-TOTAL						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MERLANGIUS MERLANGU	COPPER						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MERLANGIUS MERLANGU	CADMIUM						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MERLANGIUS MERLANGU	ARSENIC						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MERLANGIUS MERLANGU	LEAD						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MICROSTOMUS KITT	MERCURY-TOTAL						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MICROSTOMUS KITT	COPPER						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MICROSTOMUS KITT	CADMIUM						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MICROSTOMUS KITT	ARSENIC						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
MICROSTOMUS KITT	LEAD						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
PLEURONECTES PLATES	MERCURY-TOTAL						X								X				X		3			71	76		X					ENGLISH CHANNEL	233
PLEURONECTES PLATES	COPPER						X								X				X		3			71	76		X					ENGLISH CHANNEL	233
PLEURONECTES PLATES	CADMIUM						X								X				X		3			71	76		X					ENGLISH CHANNEL	233
PLEURONECTES PLATES	ARSENIC						X								X				X		3			71	76		X					ENGLISH CHANNEL	233
PLEURONECTES PLATES	LEAD						X								X				X		3			71	76		X					ENGLISH CHANNEL	233
SCOMBER SCOMBRUS	MERCURY-TOTAL						X								X				X		4			71	76		X					ENGLISH CHANNEL	233
SCOMBER SCOMBRUS	COPPER						X								X				X		4			71	76		X					ENGLISH CHANNEL	233
SCOMBER SCOMBRUS	CADMIUM						X								X				X		4			71	76		X					ENGLISH CHANNEL	233
SCOMBER SCOMBRUS	ARSENIC						X								X				X		4			71	76		X					ENGLISH CHANNEL	233
SCOMBER SCOMBRUS	LEAD						X								X				X		4			71	76		X					ENGLISH CHANNEL	233
SQUATINA SQUATINA	MERCURY-TOTAL						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
SQUATINA SQUATINA	COPPER						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
SQUATINA SQUATINA	CADMIUM						X								X				X		1			71	76		X					ENGLISH CHANNEL	233
SQUATINA SQUATINA	LEAD						X								X				X		1			71	76		X					ENGLISH CHANNEL	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(C72) NATIONAL PHYSICAL RESEARCH LABORATORY SOUTH AFRICA
C.S.I.R.
P.O. BOX 395
PRETORIA

PROJECT(C89) - MONITORING ALGOA BAY DATA VALID AS OF 04/07/77

LEADER WATLING R.J. TELEPHONE 7491113738 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 18000 US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/
OPERATIONAL	/73	CONTINUING

SUB-PROGRAMME OF NAT.PROG.FOR ENVIR.POLLUTION

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ESTABLISH BASELINE AND GENERAL LEVELS OF METALS IN ALGOA BAY

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA GIGAS	SODIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	POTASSIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	CALCIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MAGNESIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	STRONTIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MERCURY-INORGA	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MERCURY-ORGANI	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MERCURY-TOTAL	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	COPPER	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	ZINC	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	CHROMIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	CADMIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	ARSENIC	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	ANTIMONY	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	BISMUTH	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	NICKEL	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	IRON	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MANGANESE	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	COBALT	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	SELENIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	LEAD	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	SODIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	POTASSIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	CALCIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MAGNESIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	STRONTIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MERCURY-INORGA	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MERCURY-ORGANI	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MERCURY-TOTAL	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	COPPER	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	ZINC	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	CHROMIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	CADMIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	ARSENIC	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	ANTIMONY	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	BISMUTH	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	NICKEL	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	IRON	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MANGANESE	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	COBALT	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	SELENIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	LEAD	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	SODIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	POTASSIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	CALCIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MAGNESIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	STRONTIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MERCURY-INORGA	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MERCURY-ORGANI	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MERCURY-TOTAL	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	COPPER	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	ZINC	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	CHROMIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	CADMIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	ARSENIC	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	ANTIMONY	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	BISMUTH	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	NICKEL	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	IRON	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MANGANESE	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223

DATE 771208 INSTITUTE(C72) NATIONAL PHYSICAL RESEARCH LABORATORY SOUTH AFRICA
C.S.I.R.
P.O. BOX 395
PRETORIA

PROJECT(C89) - MONITORING ALGOA BAY DATA VALID AS OF 04/07/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
OSTREA EDULIS	COBALT	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	SELENIUM	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	LEAD	X	X	X					X						X		X		X	1	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	SODIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	POTASSIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	CALCIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MAGNESIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	STRONTIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MERCURY-INORGA	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MERCURY-ORGANI	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MERCURY-TOTAL	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	COPPER	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	ZINC	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	CHROMIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	CADMIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	ARSENIC	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	ANTIMONY	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	BISMUTH	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	NICKEL	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	IRON	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MANGANESE	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	COBALT	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	SELENIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	LEAD	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	SODIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	POTASSIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	CALCIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MAGNESIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	STRONTIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MERCURY-INORGA	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MERCURY-ORGANI	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MERCURY-TOTAL	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	COPPER	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	ZINC	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	CHROMIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	CADMIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	ARSENIC	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	ANTIMONY	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	BISMUTH	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	NICKEL	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	IRON	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MANGANESE	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	COBALT	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	SELENIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	LEAD	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ENVIRONMENT RSA; MARINE&ESTUARINE COASTAL SCIENCE ETC.

DATE 771208 INSTITUTE(C72) NATIONAL PHYSICAL RESEARCH LABORATORY SOUTH AFRICA
C.S.I.R.
P.O. BOX 395
PRETORIA

PROJECT(C90) - TRACE METAL MONITORING IN KNYSNA LAGOON DATA VALID AS OF 04/07/77

LEADER WATLING R.J. TELEPHONE 7491113738 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 10000 US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/
OPERATIONAL	/75	CONTINUING

SUB-PROGRAMME OF SA NAT.PROG.ENVIR.POLLUTION

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ESTABLISH BASELINE LEVELS FOR METALS IN AN AQUACULTURE ESTUARY FOR INTERFERENCE WITH OTHER AREAS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHOROMYTILUS MERIDI	SODIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	POTASSIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	CALCIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	MAGNESIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	STRONTIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	MERCURY-INORGA	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	MERCURY-ORGANI	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	MERCURY-TOTAL	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	COPPER	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	ZINC	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	CHROMIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	CADMIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	ARSENIC	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	ANTIMONY	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	BISMUTH	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	NICKEL	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	IRON	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	MANGANESE	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	COBALT	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	SELENIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CHOROMYTILUS MERIDI	LEAD	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	SODIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	POTASSIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	CALCIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MAGNESIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	STRONTIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MERCURY-INORGA	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MERCURY-ORGANI	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MERCURY-TOTAL	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	COPPER	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	ZINC	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	CHROMIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	CADMIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	ARSENIC	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	ANTIMONY	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	BISMUTH	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	NICKEL	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	IRON	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	MANGANESE	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	COBALT	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	SELENIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS	LEAD	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	SODIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	POTASSIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	CALCIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MAGNESIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	STRONTIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MERCURY-INORGA	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MERCURY-ORGANI	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MERCURY-TOTAL	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	COPPER	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	ZINC	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	CHROMIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	CADMIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	ARSENIC	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	ANTIMONY	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	BISMUTH	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	NICKEL	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	IRON	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	MANGANESE	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223

DATE 771208 INSTITUTE(C72) NATIONAL PHYSICAL RESEARCH LABORATORY SOUTH AFRICA
C.S.I.R.
P.O. BOX 395
PRETORIA

PROJECT(C90) - TRACE METAL MONITORING IN KNYSNA LAGOON DATA VALID AS OF 04/07/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA MARGARI	COBALT	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	SELENIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI	LEAD	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	SODIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	POTASSIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	CALCIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	MAGNESIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	STRONTIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	MERCURY-INORGA	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	MERCURY-ORGANI	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	MERCURY-TOTAL	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	COPPER	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	ZINC	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	CHROMIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	CADMIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	ARSENIC	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	ANTIMONY	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	BISMUTH	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	NICKEL	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	IRON	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	MANGANESE	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	COBALT	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	SELENIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
MACTRA GLABRATA	LEAD	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	SODIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	POTASSIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	CALCIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MAGNESIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	STRONTIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MERCURY-INORGA	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MERCURY-ORGANI	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MERCURY-TOTAL	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	COPPER	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	ZINC	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	CHROMIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	CADMIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	ARSENIC	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	ANTIMONY	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	BISMUTH	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	NICKEL	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	IRON	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	MANGANESE	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	COBALT	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	SELENIUM	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
OSTREA EDULIS	LEAD	X	X	X					X								X			7	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	SODIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	POTASSIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	CALCIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MAGNESIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	STRONTIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MERCURY-INORGA	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MERCURY-ORGANI	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MERCURY-TOTAL	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	COPPER	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	ZINC	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	CHROMIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	CADMIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	ARSENIC	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	ANTIMONY	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	BISMUTH	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	NICKEL	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	IRON	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	MANGANESE	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	COBALT	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	SELENIUM	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
PERNA PERNA	LEAD	X	X	X					X						X					6	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	SODIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	POTASSIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	CALCIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MAGNESIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	STRONTIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MERCURY-INORGA	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MERCURY-ORGANI	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MERCURY-TOTAL	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	COPPER	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	ZINC	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	CHROMIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	CADMIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	ARSENIC	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	ANTIMONY	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223

DATE 771208 INSTITUTE(C72) NATIONAL PHYSICAL RESEARCH LABORATORY SOUTH AFRICA
C.S.I.R.
P.O. BOX 395
PRETORIA

PROJECT(C90) - TRACE METAL MONITORING IN KNYSNA LAGOON DATA VALID AS OF 04/07/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQUACLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SOLEN CAPENSIS	BISMUTH	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	NICKEL	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	IRON	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	MANGANESE	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	COBALT	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	SELENIUM	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
SOLEN CAPENSIS	LEAD	X	X	X					X						X					3	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	SODIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	POTASSIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	CALCIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	MAGNESIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	STRONTIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	MERCURY-INORGA	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	MERCURY-ORGANI	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	MERCURY-TOTAL	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	COPPER	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	ZINC	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	CHROMIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	CADMIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	ARSENIC	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	ANTIMONY	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	BISMUTH	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	NICKEL	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	IRON	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	MANGANESE	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	COBALT	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	SELENIUM	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223
VENUS VERRUCOSA	LEAD	X	X	X					X						X					1	2	50	X			X	X	X				EASTERN SHELF ZO	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ENVIRONMENT RSA,MARINE&ESTUARINE COASTAL SCIENCE ETC.

DATE 771208 INSTITUTE(C72) NATIONAL PHYSICAL RESEARCH LABORATORY SOUTH AFRICA
C.S.I.R.
P.O. BOX 395
PRETORIA

PROJECT(C93) - USE OF MOLLUSCS TO MONITOR METAL POLLUTION DATA VALID AS OF 04/07/77

LEADER WATLING H.R. TELEPHONE 7491113738 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 20000 US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATIONAL	/76	CONTINUING

SUB-PROGRAMME OF NAT.PROG.FOR ENVIR.POLLUTION

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

ASCERTAIN THE QUANTITATIVE USE OF POTENTIAL BICLOGICAL ACCUMULATOR AND POLLUTION INDICATORS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	STMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHOROMYTILUS MERIDI			X	X					X						X					6	2	250				X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA GIGAS			X	X					X						X		X		X	6	2	250				X	X	X				EASTERN SHELF ZO	223
CRASSOSTREA MARGARI			X	X					X						X		X		X	6	2	250				X	X	X				EASTERN SHELF ZO	223
PERNA PERNA			X	X					X						X					6	2	250				X	X	X				EASTERN SHELF ZO	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE POLLUTION BULLETIN;ENVIRONMENT RSA

DATE 771208 INSTITUTE(C82) FLA.DEPT.AGR.
AND CONSUMER SERVICE
DOYLE CONNOR LAB COMPLEX
TALLHASSEE,FLA.

UNITED STATES

PROJECT(D31) - FLORIDA FOOD REGULATORY PROGRAM DATA VALID AS OF 01/04/77

LEADER VAN MIDDELUM C.H. TELEPHONE 488-0295 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 300000 US DOLLAR EQUIVALENT - STAFF OF 19

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /60 CONTINUING

PURPOSE OF PROJECT

TO ENFORCE THE FLORIDA FOOD LAW. ALL TYPES OF FOOD SAMPLES ARE OBTAINED FROM COMMERCIAL FOOD CHANNELS & ANALIZED TO ENSURE THE CONS UMING PUBLIC OF A SAFE & WHOLESOME FOOD SUPPLY WITHIN PRESCRIBED LIMITS ESTABLISHED BY LAW AND REGULATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHTN	OTHBIO	GEOGRAPHIC AREA	NAT COD
FISHES-FRESHWATER N	BHC-ALPHA	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	BHC-GAMMA	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	DIELDRIN	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	DDE-PP	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	TDE-PP	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	DDT-PP	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	DDT-OP	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	DDT-TOTAL	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	ENDOSULFAN	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	ORGANOPHOSPHOR	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	PESTICIDES OTH	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	PCB'S	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	MERCURY-TOTAL	X						X	X	X						X			X		1	20					X						210
FISHES-FRESHWATER N	BHC-ALPHA	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	BHC-GAMMA	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	DIELDRIN	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	DDE-PP	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	TDE-PP	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	DDT-PP	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	DDT-OP	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	DDT-TOTAL	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	ENDOSULFAN	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	ORGANOPHOSPHOR	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	PESTICIDES OTH	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	PCB'S	X						X	X	X						X			X		1	20					X						232
FISHES-FRESHWATER N	MERCURY-TOTAL	X						X	X	X						X			X		1	20					X						232
FISHES-MARINE N.E.I	BHC-ALPHA	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	BHC-GAMMA	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	DIELDRIN	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	DDE-PP	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	TDE-PP	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	DDT-PP	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	DDT-OP	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	DDT-TOTAL	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	ENDOSULFAN	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	ORGANOPHOSPHOR	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	PESTICIDES OTH	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	PCB'S	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	MERCURY-TOTAL	X						X	X	X						X			X		1	40					X						210
FISHES-MARINE N.E.I	BHC-ALPHA	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	BHC-GAMMA	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	DIELDRIN	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	DDE-PP	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	TDE-PP	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	DDT-PP	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	DDT-OP	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	DDT-TOTAL	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	ENDOSULFAN	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	ORGANOPHOSPHOR	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	PESTICIDES OTH	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	PCB'S	X						X	X	X						X			X		1	40					X						232
FISHES-MARINE N.E.I	MERCURY-TOTAL	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	BHC-ALPHA	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	BHC-GAMMA	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	DIELDRIN	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	DDE-PP	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	TDE-PP	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	DDT-PP	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	DDT-OP	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	DDT-TOTAL	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	ENDOSULFAN	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	ORGANOPHOSPHOR	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	PESTICIDES OTH	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	PCB'S	X						X	X	X						X			X		1	40					X						210

DATE 771208 INSTITUTE(C82) FLA.DEPT.AGR.
AND CONSUMER SERVICE
DOYLE CONNOR LAB COMPLEX
TALLHASSEE,FLA. UNITED STATES

PROJECT(D31) - FLORIDA FOOD REGULATORY PROGRAM DATA VALID AS OF 01/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXICTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SHELLFISH N.E.I.	MERCURY-TOTAL	X						X	X	X						X			X		1	40					X						210
SHELLFISH N.E.I.	BHC-ALPHA	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	BHC-GAMMA	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	DIELDRIN	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	DDE-PP	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	TDE-PP	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	DDT-PP	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	DDT-OP	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	DDT-TOTAL	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	ENDOSULFAN	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	ORGANOPHOSPHOR	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	PESTICIDES OTH	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	PCB'S	X						X	X	X						X			X		1	40					X						232
SHELLFISH N.E.I.	MERCURY-TOTAL	X						X	X	X						X			X		1	40					X						232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

QUARTERLY REPORTS, F.D.A.C.S.

DATE 771208 INSTITUTE(D72) UNIVERSITY RHODE ISLAND UNITED STATES
MARINE PATHOLOGY LABORATORY
KINGSTON, 02881 RHODE ISLAND

PROJECT(D28) - OCCURENCE & ETIOLOGY OF NEOPLASIA IN SOFT SHELL CLAM DATA VALID AS OF 11/08/77

LEADER BBCWN B.S. TELEPHONE 4017922334 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 125000 STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/79
OPERATIONAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO DETERMINE IF THE LESIONS FOUND IN SOFT SHELL CLAMS ARE TRUE NEOPLASMS; THE PREVALENCE & INCIDENCE OF THE NEOPLASMS; IF THE NEOPLASIA IS LINKED TO HYDROCARBON POLLUTION OR IF THE NEOPLASIA HAS OTHER CAUSES SUCH AS AN INFECTIONS AGENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CANCER BOREALIS	OIL(BY FLUORES		X	X		X								X				X		5	2	5	X	77		X		X				NORTH ATLANTIC	O 233
CANCER BOREALIS	DISEASES		X	X		X								X				X		5	2	5	X	77		X		X				NORTH ATLANTIC	O 233
MODIOLUS MODIOLUS	OIL(BY FLUORES		X	X		X								X				X		5	2	50	X	77		X		X				NORTH ATLANTIC	O 233
MODIOLUS MODIOLUS	DISEASES		X	X		X								X				X		5	2	50	X	77		X		X				NORTH ATLANTIC	O 233
PAGURUS SPP.	OIL(BY FLUORES		X	X		X								X				X		5	2	5	X	77		X		X				NORTH ATLANTIC	O 233
PAGURUS SPP.	DISEASES		X	X		X								X				X		5	2	5	X	77		X		X				NORTH ATLANTIC	O 233
PLACOPECTEN SPP.	OIL(BY FLUORES		X	X		X								X				X		5	2	30	X	77		X		X				NORTH ATLANTIC	O 233
PLACOPECTEN SPP.	DISEASES		X	X		X								X				X		5	2	30	X	77		X		X				NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

JOURNAL OF INVERTEBRATE PATHOLOGY

DATE 771208 INSTITUTE(E18) TROPICAL PRODUCTS INSTITUTE UNITED KINGDOM
56-62 GRAY'S INN ROAD
LONDON WC1X 8LU

PROJECT(C71) - DDT POLLUTION STUDIES IN LOWER SHIRE AREA OF MALAWI DATA VALID AS OF 16/02/77

LEADER PICKERING G.B. TELEPHONE 01-2425412 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	03/74	/
OPERATIONAL	06/74	CONTINUING

PURPOSE OF PROJECT

THE MOVEMENT OF DDT, USED QUITE EXTENSIVELY TO COTTON GROW, INTO THE SHIRE RIVER, AN IMPORTANT FISHERY, & ITS UPTAKE BY SOME OF THE MORE IMPORTANT SPECIES IS BEING STUDIED

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLARIAS GARIEPINUS	DDE-PP			X	X				X						X				X	3	1	8	X				X					MALAWI	212
CLARIAS GARIEPINUS	TDE-PP			X	X				X						X				X	3	1	8	X				X					MALAWI	212
CLARIAS GARIEPINUS	DDT-PP			X	X				X						X				X	3	1	8	X				X					MALAWI	212
CLARIAS GARIEPINUS	DDT-OP			X	X				X						X				X	3	1	8	X				X					MALAWI	212
CLARIAS GARIEPINUS	PCB'S			X	X				X						X				X	3	1	8	X				X					MALAWI	212
HYDROCYNUS VITTATUS	DDE-PP			X	X				X						X				X	3	1	7	X				X					MALAWI	212
HYDROCYNUS VITTATUS	TDE-PP			X	X				X						X				X	3	1	7	X				X					MALAWI	212
HYDROCYNUS VITTATUS	DDT-PP			X	X				X						X				X	3	1	7	X				X					MALAWI	212
HYDROCYNUS VITTATUS	DDT-OP			X	X				X						X				X	3	1	7	X				X					MALAWI	212
HYDROCYNUS VITTATUS	PCB'S			X	X				X						X				X	3	1	7	X				X					MALAWI	212
SERRANOCHROMUS MOSS	DDE-PP			X	X				X						X				X	3	1	3	X				X					MALAWI	212
SERRANOCHROMUS MOSS	TDE-PP			X	X				X						X				X	3	1	3	X				X					MALAWI	212
SERRANOCHROMUS MOSS	DDT-PP			X	X				X						X				X	3	1	3	X				X					MALAWI	212
SERRANOCHROMUS MOSS	DDT-OP			X	X				X						X				X	3	1	3	X				X					MALAWI	212
SERRANOCHROMUS MOSS	PCB'S			X	X				X						X				X	3	1	3	X				X					MALAWI	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RESULTS TO-DATE ONLY TO MALAWI GOVERNMENT

DATE 771208 INSTITUTE(E18) TROPICAL PRODUCTS INSTITUTE UNITED KINGDOM

56-62 GRAY'S INN ROAD
LONDON WC1X 8LU

PROJECT(C72) - PESTICIDE RESIDUES IN FISH DATA VALID AS OF 23/02/77

LEADER WOOD A.B. TELEPHONE 01-2425412 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	03/75	06/75
OPERATIONAL	06/75	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

FISH ARE BEING SAMPLED & ANALYZED FOR ENDOSULFAN USED AGAINST THE TSETSE FLY IN THE OKAVANGO AREA OF BOTSWANA, AS WELL AS DDT & DIELDRIN RESIDUES FROM EARLIER PROGRAMMES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMCL	AQCLTR	OTHERS	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLARIAS GARIEPINUS	DDE-PP			X					X						X						4	20		75			X					BOTSWANA	213
CLARIAS GARIEPINUS	TDE-PP			X					X						X						4	20		75			X					BOTSWANA	213
CLARIAS GARIEPINUS	DDT-PP			X					X						X						4	20		75			X					BOTSWANA	213
CLARIAS GARIEPINUS	DDT-OP			X					X						X						4	20		75			X					BOTSWANA	213
CLARIAS GARIEPINUS	DDT-TOTAL			X					X						X						4	20		75			X					BOTSWANA	213
CLARIAS GARIEPINUS	ENDOSULFAN			X					X						X						4	20		75			X					BOTSWANA	213
HAPLOCHROMIS CODRIN	DDE-PP			X					X						X						4	20		76			X					BOTSWANA	213
HAPLOCHROMIS CODRIN	TDE-PP			X					X						X						4	20		76			X					BOTSWANA	213
HAPLOCHROMIS CODRIN	DDT-PP			X					X						X						4	20		76			X					BOTSWANA	213
HAPLOCHROMIS CODRIN	DDT-OP			X					X						X						4	20		76			X					BOTSWANA	213
HAPLOCHROMIS CODRIN	DDT-TOTAL			X					X						X						4	20		76			X					BOTSWANA	213
HAPLOCHROMIS CODRIN	ENDOSULFAN			X					X						X						4	20		76			X					BOTSWANA	213
SERRANOCHROMUS THUM	ENDOSULFAN			X					X						X						3	15		75	75		X					BOTSWANA	213
SHILBE MYSTUS	ENDOSULFAN			X					X						X						4	20		75	75		X					BOTSWANA	213
TILAPIA ANDERSONII	DDE-PP			X					X						X						4	20		76			X					BOTSWANA	213
TILAPIA ANDERSONII	TDE-PP			X					X						X						4	20		76			X					BOTSWANA	213
TILAPIA ANDERSONII	DDT-PP			X					X						X						4	20		76			X					BOTSWANA	213
TILAPIA ANDERSONII	DDT-OP			X					X						X						4	20		76			X					BOTSWANA	213
TILAPIA ANDERSONII	DDT-TOTAL			X					X						X						4	20		76			X					BOTSWANA	213
TILAPIA ANDERSONII	ENDOSULFAN			X					X						X						4	20		76			X					BOTSWANA	213

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(E44) STATE RIVERS AND WATERS SUPPLY COMMN. AUSTRALIA
590 ORRONG RD.ARMADALE 3143
MELBOURNE,VICTORIA

PROJECT(C75) - DIQUAT IN AN AQUATIC ECOSYSTEM DATA VALID AS OF 14/06/77

LEADER GRAHAM,CHAPMAN,BROWN TELEPHONE 5099511 TELEX/CABLE 74740

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 10000 STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/72
OPERATIONAL	/70	/72

PURPOSE OF PROJECT

TO EVALUATE THE SHORT-TERM AND LONG-TERM EFFECTS OF THE CONTINUED USE OF THE HERBICIDE, DIQUAT, TO CONTROL UNWANTED AQUATIC MACRO-VEGETATION IN RECREATIONAL AND HYDRO-ELECTRIC LAKES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NCT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN PIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
EGERIA DENSA	DIQUAT			X							X				X					12	2	12	X	70	72		X	X				NEW ZEALAND	211
LAGAROSIPHON MAJOR	DIQUAT			X							X				X					6	4	12	X	70	72		X	X				NEW ZEALAND	211
NITELLA HOOKERI	DIQUAT			X							X				X					1	4	12	X	70	72		X	X				NEW ZEALAND	211
POTAMOGETON OCHREAT	DIQUAT			X							X				X					1	4	12	X	70	72		X	X				NEW ZEALAND	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

GRAHAM,W.A.E.DIQUAT IN FRESHWATER ECOSYSTEM. UNIV.OF AUCKLAND

DATE 771208 INSTITUTE(E62) COQUEIRO, S.A. FABR. DE CONSERVAS BRAZIL
RUA SAO JORGE
195-SAO GONCALO RJ.

PROJECT(B23) - DATA VALID AS OF 08/03/77

LEADER TELEPHONE 7121055 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/73	CONTINUING

PURPOSE OF PROJECT

THIS IS NOT REALLY A PROJECT. IT IS PART OF OUR DAILY OPERATION. WE CHECK LENGHT/WEIGHT OF SARDINES. WE DO NOT CHECK FOR CONTAMINANTS OTHER THAN MERCURY ON A BI-ANNUAL CHECK OF OUR CANNED SARDINE PRODUCT

DETAILS OF DATA COLLECTION/STORAGE

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HOST SUBSTANCE      CONTAMINANT    C SAMPLE   PRESERVATION     SAMPLE  H NUMB ANNL NUMBER S  RAW DATA   BIOAS- GEOGRAPHIC        WAT
                                   A DESCRPTN METHOD           ORIGIN  U STNS FREQ  /YEAR I             SAYS   AREA              COD
                                   L  L W A D N I F S D F A O  F C A O M                  M YR YR C I P  T F O
                                   B  E E G E C C R A R O L T  I O Q T C                  W ST EN O N U  O D T
                                   R  N I E V T E O L I R C H  E N C H O                  A       N H B  X C H
                                   T  G G   S   D Z T E M O E  L R L E N                  T       P S L  C H B
                                   D  T H   T     E E D L H R  D C T R S                  E         E S  T N I
                                      H T   G     N D   N L     L R   P                  R           H  Y   O
------------------------------------------------------------------------------------------------------------------------------------
SARDINELLA AURITA   MERCURY-TOTAL     X X     X                  X     X    2               72      X          SOUTH ATLANTIC O 233
```

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(F70) ANNAMALAI UNIVERSITY INDIA

CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY
PARENGIPETTAI 608502
S.ARCOT DIST.
TAMIL NADU STATE

PROJECT(D09) - PESTICIDE POLLUTION DATA VALID AS OF 25/07/77

LEADER VENUGOPALAN,LINGARAJA TELEPHONE 23 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 3000 US DOLLAR EQUIVALENT - 300 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/77	/
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO STUDY POLLUTION LOADS OF SELECTED PESTICIDES USED IN AGRICULTURE, IN VELLAR ESTUARY & INSHORE WATERS & DRAINAGE CHANNELS & COAST AL WATERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CATLYSIA	BHC-GAMMA		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
CATLYSIA	DDT-PP		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
CATLYSIA	DDT-OP		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
MERETRIX CASTA	BHC-GAMMA		X	X	X	X			X						X					5		12		77	78							BAY OF BENGAL	223
MERETRIX CASTA	DDT-PP		X	X	X	X			X						X					5		12		77	78							BAY OF BENGAL	223
MERETRIX CASTA	DDT-OP		X	X	X	X			X						X					5		12		77	78							BAY OF BENGAL	223
MUGIL CEPHALUS	BHC-GAMMA		X	X	X	X			X						X	X			X	5		12		77	78							BAY OF BENGAL	223
MUGIL CEPHALUS	DDT-PP		X	X	X	X			X						X	X			X	5		12		77	78							BAY OF BENGAL	223
MUGIL CEPHALUS	DDT-OP		X	X	X	X			X						X	X			X	5		12		77	78							BAY OF BENGAL	223
MYTILUS EDULIS	BHC-GAMMA		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
MYTILUS EDULIS	DDT-OP		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
PENAEUS INDICUS	BHC-GAMMA		X	X	X	X			X						X					5		12		77	78							BAY OF BENGAL	223
PENAEUS INDICUS	DDT-TOTAL		X	X	X	X			X						X					5		12		77	78							BAY OF BENGAL	223
PENAEUS SEMISULCATU	BHC-GAMMA		X	X					X						X							12		77	78							BAY OF BENGAL	223
PENAEUS SEMISULCATU	DIELDRIN		X	X					X						X							12		77	78							BAY OF BENGAL	223
PENAEUS SEMISULCATU	DDT-TOTAL		X	X					X						X							12		77	78							BAY OF BENGAL	223
PLANKTON-ZOO	BHC-GAMMA														X					2		12		77	78							BAY OF BENGAL	223
PLANKTON-ZOO	DIELDRIN														X					2		12		77	78							BAY OF BENGAL	223
PLANKTON-ZOO	DDT-TOTAL														X					2		12		77	78							BAY OF BENGAL	223
POMPUS ARGENTEUS	BHC-GAMMA		X	X	X	X			X						X					5		6		77	78							BAY OF BENGAL	223
POMPUS ARGENTEUS	DDT-PP		X	X	X	X			X						X					5		6		77	78							BAY OF BENGAL	223
POMPUS ARGENTEUS	DDT-OP		X	X	X	X			X						X					5		6		77	78							BAY OF BENGAL	223
PORTUNUS PELAGICUS	BHC-GAMMA		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
PORTUNUS PELAGICUS	DDT-TOTAL		X	X					X						X					5		12		77	78							BAY OF BENGAL	223
SCOMBERONORUS COMME	BHC-GAMMA		X	X	X	X			X							X						6		77	78							BAY OF BENGAL	223
SCOMBERONORUS COMME	DDT-PP		X	X	X	X			X							X						6		77	78							BAY OF BENGAL	223
SCOMBERONORUS COMME	DDT-OP		X	X	X	X			X							X						6		77	78							BAY OF BENGAL	223
THERAPON JARBUA	BHC-GAMMA		X	X	X	X			X						X					5		6		77	78							BAY OF BENGAL	223
THERAPON JARBUA	DDT-PP		X	X	X	X			X						X					5		6		77	78							BAY OF BENGAL	223
THERAPON JARBUA	DDT-OP		X	X	X	X			X						X					5		6		77	78							BAY OF BENGAL	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(F70) ANNAMALAI UNIVERSITY INDIA
CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY
PARENGIPETTAI 608502
S.ARCOT DIST.
TAMIL NADU STATE

PROJECT(D10) - STUDIES ON HEAVY METAL POLLUTANTS DATA VALID AS OF 27/07/77

LEADER VENUGOPALAN,KUMARAGURU ETC TELEPHONE 23 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 3000 US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO HAVE THE BASELINE INFORMATION OF SOME HEAVY METAL POLLUTANTS ON AN INTEGRATED BASIS IN THIS PARTICULAR VELLAR ESTUARY & THE ADJOINING BAY OF BENGAL

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
AMBASSIS COMMERSONI	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
AMBASSIS COMMERSONI	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
AMBASSIS COMMERSONI	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
AMBASSIS COMMERSONI	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
AMBASSIS COMMERSONI	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
AMBASSIS COMMERSONI	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
AMBASSIS COMMERSONI	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
AMBASSIS COMMERSONI	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA GRANOSA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	COPPER	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	ZINC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	LEAD	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
ANADARA GRANOSA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA GRANOSA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA GRANOSA	COPPER	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA GRANOSA	ZINC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA GRANOSA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA GRANOSA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA GRANOSA	LEAD	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
ANADARA RHOMBIA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
ANADARA RHOMBIA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA RHOMBIA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA RHOMBIA	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA RHOMBIA	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA RHOMBIA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA RHOMBIA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
ANADARA RHOMBIA	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
CATLYSIA OPIMA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CATLYSIA OPIMA	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
CRASSOSTREA MADRASS	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
CRASSOSTREA MADRASS	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
CRASSOSTREA MADRASS	COPPER	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
CRASSOSTREA MADRASS	ZINC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
CRASSOSTREA MADRASS	CADMIUM	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
CRASSOSTREA MADRASS	ARSENIC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223

DATE 771208 INSTITUTE(F70) ANNAMALAI UNIVERSITY INDIA
CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY
PARENGIPETTAI 608502
S.ARGOT DIST.
TAMIL NADU STATE

PROJECT(D10) - STUDIES ON HEAVY METAL POLLUTANTS DATA VALID AS OF 27/07/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MYR ST	YR EN	COMP	INHBSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA MADRASS	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
CRASSOSTREA MADRASS	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
CRASSOSTREA MADRASS	COPPER	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
CRASSOSTREA MADRASS	ZINC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
CRASSOSTREA MADRASS	CADMIUM	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
CRASSOSTREA MADRASS	ARSENIC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
CRASSOSTREA MADRASS	LEAD	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	COPPER	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	ZINC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	LEAD	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	223
MERETRIX CASTA	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	COPPER	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	ZINC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	CADMIUM	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	ARSENIC	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX CASTA	LEAD	X	X	X		X	X		X						X				X	3		24		77			X		X		X	BAY OF BENGAL	225
MERETRIX MERETRIX	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
MERETRIX MERETRIX	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
MERETRIX MERETRIX	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
MERETRIX MERETRIX	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
MERETRIX MERETRIX	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
MERETRIX MERETRIX	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
MERETRIX MERETRIX	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
MERETRIX MERETRIX	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS INDICUS	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS INDICUS	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PENAEUS SEMISULCATU	MERCURY-INORGA	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	MERCURY-TOTAL	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	COPPER	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	ZINC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	CADMIUM	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	ARSENIC	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PENAEUS SEMISULCATU	LEAD	X	X	X		X	X		X						X				X	3		24		77					X			BAY OF BENGAL	225
PLANKTON-ZOO	MERCURY-INORGA	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PLANKTON-ZOO	MERCURY-TOTAL	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PLANKTON-ZOO	COPPER	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PLANKTON-ZOO	ZINC	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PLANKTON-ZOO	CADMIUM	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PLANKTON-ZOO	ARSENIC	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223
PLANKTON-ZOO	LEAD	X					X		X						X				X	3		24		77					X			BAY OF BENGAL	223

CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY
PARENGIPETTAI 608502
S.ARGOT DIST.
TAMIL NADU STATE

PROJECT(D10) - STUDIES ON HEAVY METAL POLLUTANTS

DATA VALID AS OF 27/07/77

HOST SUBSTANCE CONTAMINANT C SAMPLE PRESERVATION SAMPLE H NUMB ANNL NUMBER S RAW DATA BIOAS- GEOGRAPHIC WAT
A DESCRPTN METHOD ORIGIN U STNS FREQ /YEAR I SAYS AREA COD
L L W A D N I F S D F A O F C A O M N YR YR C I P T F O
B E E G E O C R A R O L T I O Q T C W ST EN O N U O D T
R N I E V T E O L I R C H E M C H O A M H B X C H
T G G S D Z T E M O E L R L E N T P S L C H B
D T H T E E D L H R D C T R S E E S T N I
H T G N D N L L R P R H Y O

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(F73) UNIVERSITY OF BASRAH IRAQ
DEPARTMENT OF FISHERIES
COLLEGE OF AGRICULTURE
BASRAH

PROJECT(B46) - DETECTION OF CONTAMINANTS IN FISHES DATA VALID AS OF 22/03/77

LEADER K.P.SHARMA TELEPHONE 218300 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/
OPERATIONAL	/76	CONTINUING

PURPOSE OF PROJECT

THE REPUBLIC OF IRAQ HANDLES LARGE QUANTITIES OF PETROLEUM CRUDE. SOME OF THE POLYCYCLIC AROMATIC HYDROCARBONS OR OTHER PRODUCTS AS SOCIATED WITH THE USE OF PETROLEUM ARE DISCHARGED IN THE SHATT AL-ARAB DUE TO MIS-HANDLING BY OIL TANKERS OR OTHER SOURCES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	NAT COD
BARBUS GRYPUS	OIL(BY FLUORES		X	X				X								X			X	3	12	72		76			X					IRAK	212
BARBUS GRYPUS	HYDROCARBONS-A		X	X				X								X			X	3	12	72		76			X					IRAK	212
BARBUS SHARPEYI	OIL(BY FLUORES		X	X				X								X			X	2	12	48		76			X					IRAK	212
BARBUS SHARPEYI	HYDROCARBONS-A		X	X				X								X			X	2	12	48		76			X					IRAK	212
BARBUS XANTHOPTERUS	OIL(BY FLUORES		X	X				X								X			X	3	12	136		76				X				IRAK	212
BARBUS XANTHOPTERUS	HYDROCARBONS-A		X	X				X								X			X	3	12	136		76				X				IRAK	212
CHIROCENTRUS DORAB	OIL(BY FLUORES		X	X				X								X			X	1	1	24		76			X					IRAK	212
CHIROCENTRUS DORAB	HYDROCARBONS-A		X	X				X								X			X	1	1	24		76			X					IRAK	212
HILSA ILISHA	OIL(BY FLUORES		X	X				X								X			X	1	1	24		76				X				IRAK	212
HILSA ILISHA	HYDROCARBONS-A		X	X				X								X			X	1	1	24		76				X				IRAK	212
ILISHA FILIGERA	OIL(BY FLUORES		X	X				X								X			X	1	1	24		76			X					IRAK	212
ILISHA FILIGERA	HYDROCARBONS-A		X	X				X								X			X	1	1	24		76			X					IRAK	212

JOURNALS/REPORTS WITH PROJECT RESULTS PUBLISHED

PROCEEDINGS OF TROPICAL PRODUCTS INSTITUTE(1977) LONDON

DATE 771208 INSTITUTE(F81) MARINE ECOLOGY LABORATORY CANADA

BEDFORD INSTITUTE OF OCEANOGRAPHY
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
P.O. BOX 1006
DARTMOUTH,NOVA SCOTIA B2Y 4A2

PROJECT(D32) - ENVIRONMENTAL QUALITY RESEARCH DATA VALID AS OF 18/04/77

LEADER ADDISON R.F. TELEPHONE 9024263870 TELEX/CABLE 01921518AOLDRT

FUNDING - NATIONAL CURRENCY 450000 US DOLLAR EQUIVALENT - STAFF OF 18

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/71	CONTINUING

SUB-PROGRAMME OF ICES N/ATLANT.BASELINE SURVEY

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

STUDIES OF BEHAVIOUR & DISTRIBUTION OF CONTAMINANTS IN MARINE ENVIRONMENTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YB EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	DDT-TOTAL	X	X	X					X						X					1	5	5						X				GULF OF ST.LAWRE	233
CLUPEA HARENGUS	PCB'S	X	X	X					X						X					1	5	5						X				GULF OF ST.LAWRE	233
CLUPEA HARENGUS	DIPHENYL ETHER		X	X					X						X					1	5	5						X				GULF OF ST.LAWRE	233
GADUS MORHUA	DDT-TOTAL	X	X	X					X						X					1	5	5						X				NORTH ATLANTIC O	233
GADUS MORHUA	PCB'S	X	X	X					X						X					1	5	5						X				NORTH ATLANTIC O	233
GADUS MORHUA	DIPHENYL ETHER		X	X					X						X					1	5	5						X				NORTH ATLANTIC O	233
HALICHOERUS GRYPUS	DDT-TOTAL	X			X				X						X					2	1	20						X				NORTH ATLANTIC O	233
HALICHOERUS GRYPUS	PCB'S	X			X				X						X					2	1	20						X				NORTH ATLANTIC O	233
PAGOPHILUS GROENLAN	DDT-TOTAL	X			X				X						X					2	1	20						X				NORTH ATLANTIC O	233
PAGOPHILUS GROENLAN	PCB'S	X			X				X						X					2	1	20						X				NORTH ATLANTIC O	233
PLANKTON	DDT-TOTAL	X				X			X						X					1	10	10						X				GULF OF ST.LAWRE	233
PLANKTON	PCB'S	X				X			X						X					1	10	10						X				GULF OF ST.LAWRE	233
PLANKTON	DIPHENYL ETHER					X			X						X					1	10	10						X				GULF OF ST.LAWRE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

NATURE,J.FISH.RES.BD.CANADA,DEEPSEA RESEARCH,CAN.J.BIOCHEM.

DATE 771208 INSTITUTE(G84) WRIGHTSON NMA FISHERIES DIVISION NEW ZEALAND
P.O.BOX 930
DUNEDIN

PROJECT(C57) - ASSESSMENT OF EEL & FRESHWATER LOBSTER FARMING DATA VALID AS OF 26/04/77

LEADER MAC CHAPLIN TELEPHONE 40209 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 30000 US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/
OPERATIONAL	/	CONTINUING

PURPOSE OF PROJECT

TO ASSESS THE POSSIBLE DISEASES WHICH CAN POSSIBLY AFFECT THE SUCCESS IN FARMING EELS A. AUSTRALIS A. DIEFENBACHI & FRESHWATER LOBSTERS PARANEPHROPS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA AUSTRALIS	DISEASES	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA AUSTRALIS	PARASITES	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA AUSTRALIS	BACTERIA	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA AUSTRALIS	OTHER MICROORG	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA DIFENBARCH	DISEASES	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA DIFENBARCH	PARASITES	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA DIFENBARCH	BACTERIA	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
ANGUILLA DIFENBARCH	OTHER MICROORG	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
PARANEPHROPS SPP.	DISEASES	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
PARANEPHROPS SPP.	PARASITES	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
PARANEPHROPS SPP.	BACTERIA	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210
PARANEPHROPS SPP.	OTHER MICROORG	X	X	X		X	X										X		X	11	12	12		73			X					NEW ZEALAND	210

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MONTHLY REPORTS WITHIN THE COMPANY

DATE 771208 INSTITUTE(H15) UNIVERSITY OF CALIFORNIA UNITED STATES
BODEGA MARINE LABORATORY, BODEGA BAY
CALIFORNIA 94923

PROJECT(C36) - PETROLEUM HYDROC. CONTAMINAT. OF INTERTIDAL FAUNA & FLORA DATA VALID AS OF 10/05/77

LEADER PAYNE,RISEBROUGH TELEPHONE 7078235188 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 120000 STAFF OF 8

PROJECT STATUS START DATE END DATE
PLANNING /74 /
OPERATIONAL /75 CONTINUING

SUB-PROGRAMME OF BLM

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO COLLECT & ANALYZE INVERTEBRATE TISSUE SAMPLES, PARTICULATE MATERIAL & SEAWATER FOR PETROLEUM HYDROCARBON CONTAMINATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOTED	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMMCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHBSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FODCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
EGREGIA MENZIESII	PHTHALATE ESTE	X		X					X						X					4	2-3	10		75	76	X	X					NORTHERN PACIFIC	232
EGREGIA MENZIESII	ALKANES-N-TOTA	X		X					X						X					4	2-3	10		75	76	X	X					NORTHERN PACIFIC	232
EGREGIA MENZIESII	HYDROCARBONS-A	X		X					X						X					4	2-3	10		75	76	X	X					NORTHERN PACIFIC	232
EGREGIA MENZIESII	HYDROCARBONS-P	X		X					X						X					4	2-3	10		75	76	X	X					NORTHERN PACIFIC	232
EMERITA SPP.	PHTHALATE ESTE	X		X					X						X					8	2	14		75	77	X	X					NORTHERN PACIFIC	232
EMERITA SPP.	ALKANES-N-TOTA	X		X					X						X					8	2	14		75	77	X	X					NORTHERN PACIFIC	232
EMERITA SPP.	HYDROCARBONS-A	X		X					X						X					8	2	14		75	77	X	X					NORTHERN PACIFIC	232
EMERITA SPP.	HYDROCARBONS-P	X		X					X						X					8	2	14		75	77	X	X					NORTHERN PACIFIC	232
HALIOTIS CRACHEROOI	PHTHALATE ESTE	X		X					X						X				X	6	3	20-30	X			X	X					NORTHERN PACIFIC	232
HALIOTIS CRACHEROOI	ALKANES-N-TOTA	X		X					X						X				X	6	3	20-30	X			X	X					NORTHERN PACIFIC	232
HALIOTIS CRACHEROOI	HYDROCARBONS-A	X		X					X						X				X	6	3	20-30	X			X	X					NORTHERN PACIFIC	232
HALIOTIS CRACHEROOI	HYDROCARBONS-P	X		X					X						X				X	6	3	20-30	X			X	X					NORTHERN PACIFIC	232
LOTTIA GIGANTEA	PHTHALATE ESTE	X		X					X						X					2	2-3	5		75	76	X	X					NORTHERN PACIFIC	232
LOTTIA GIGANTEA	ALKANES-N-TOTA	X		X					X						X					2	2-3	5		75	76	X	X					NORTHERN PACIFIC	232
LOTTIA GIGANTEA	HYDROCARBONS-A	X		X					X						X					2	2-3	5		75	76	X	X					NORTHERN PACIFIC	232
LOTTIA GIGANTEA	HYDROCARBONS-P	X		X					X						X					2	2-3	5		75	76	X	X					NORTHERN PACIFIC	232
MACROCYSTIS PYRIFER	PHTHALATE ESTE	X		X					X						X					7	3	20		75	77	X	X					NORTHERN PACIFIC	232
MACROCYSTIS PYRIFER	ALKANES-N-TOTA	X		X					X						X					7	3	20		75	77	X	X					NORTHERN PACIFIC	232
MACROCYSTIS PYRIFER	HYDROCARBONS-A	X		X					X						X					7	3	20		75	77	X	X					NORTHERN PACIFIC	232
MACROCYSTIS PYRIFER	HYDROCARBONS-P	X		X					X						X					7	3	20		75	77	X	X					NORTHERN PACIFIC	232
MYTILUS CALIFORNIAN	PHTHALATE ESTE	X	X	X					X						X				X	10	3-4	50-120	X	75		X	X					NORTHERN PACIFIC	232
MYTILUS CALIFORNIAN	ALKANES-N-TOTA	X	X	X					X						X				X	10	3-4	50-120	X	75		X	X					NORTHERN PACIFIC	232
MYTILUS CALIFORNIAN	HYDROCARBONS-A	X	X	X					X						X				X	10	3-4	50-120	X	75		X	X					NORTHERN PACIFIC	232
MYTILUS CALIFORNIAN	HYDROCARBONS-P	X	X	X					X						X				X	10	3-4	50-120	X	75		X	X					NORTHERN PACIFIC	232
MYTILUS EDULIS	PHTHALATE ESTE	X		X					X						X				X	1	1	1		75	75	X	X					NORTHERN PACIFIC	232
MYTILUS EDULIS	ALKANES-N-TOTA	X		X					X						X				X	1	1	1		75	75	X	X					NORTHERN PACIFIC	232
MYTILUS EDULIS	HYDROCARBONS-A	X		X					X						X				X	1	1	1		75	75	X	X					NORTHERN PACIFIC	232
MYTILUS EDULIS	HYDROCARBONS-P	X		X					X						X				X	1	1	1		75	75	X	X					NORTHERN PACIFIC	232
PATIRIA MINIATA	PHTHALATE ESTE	X		X					X						X					3	1	10		75	76	X	X					NORTHERN PACIFIC	233
PATIRIA MINIATA	ALKANES-N-TOTA	X		X					X						X					3	1	10		75	76	X	X					NORTHERN PACIFIC	233
PATIRIA MINIATA	HYDROCARBONS-A	X		X					X						X					3	1	10		75	76	X	X					NORTHERN PACIFIC	233
PATIRIA MINIATA	HYDROCARBONS-P	X		X					X						X					3	1	10		75	76	X	X					NORTHERN PACIFIC	233
PISASTER OCHRACEUS	PHTHALATE ESTE	X		X					X						X					4	2	6		75	76	X	X					NORTHERN PACIFIC	233
PISASTER OCHRACEUS	ALKANES-N-TOTA	X		X					X						X					4	2	6		75	76	X	X					NORTHERN PACIFIC	233
PISASTER OCHRACEUS	HYDROCARBONS-A	X		X					X						X					4	2	6		75	76	X	X					NORTHERN PACIFIC	233
PISASTER OCHRACEUS	HYDROCARBONS-P	X		X					X						X					4	2	6		75	76	X	X					NORTHERN PACIFIC	233
STRONGYLOCENTROTUS	PHTHALATE ESTE	X		X					X						X				X	5	1	15		75	76	X	X					NORTHERN PACIFIC	233
STRONGYLOCENTROTUS	ALKANES-N-TOTA	X		X					X						X				X	5	1	15		75	76	X	X					NORTHERN PACIFIC	233
STRONGYLOCENTROTUS	HYDROCARBONS-A	X		X					X						X				X	5	1	15		75	76	X	X					NORTHERN PACIFIC	233
STRONGYLOCENTROTUS	HYDROCARBONS-P	X		X					X						X				X	5	1	15		75	76	X	X					NORTHERN PACIFIC	233
TEGULA FUNEBRALIS	PHTHALATE ESTE	X		X					X						X					5	2-3	12		75	77	X	X					NORTHERN PACIFIC	232
TEGULA FUNEBRALIS	ALKANES-N-TOTA	X		X					X						X					5	2-3	12		75	77	X	X					NORTHERN PACIFIC	232
TEGULA FUNEBRALIS	HYDROCARBONS-A	X		X					X						X					5	2-3	12		75	77	X	X					NORTHERN PACIFIC	232
TEGULA FUNEBRALIS	HYDROCARBONS-P	X		X					X						X					5	2-3	12		75	77	X	X					NORTHERN PACIFIC	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

S/CALIF.BASELINE STUDY DRAFT FIN.REP.VOL.III REP.3.4&3.2.3 DEC76

DATE 771208 INSTITUTE(H19) ARCTIC BIOLOGICAL STATION CANADA

FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
P.O. BOX 400
STE.ANNE DE BELLEVUE,QUEBEC H9X 3L6

PROJECT(C81) - MERCURY IN SEALS DATA VALID AS OF 13/06/77

LEADER SMITH T.G.,DE SERGEANT TELEPHONE 457-3660 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/72	CONTINUING

PURPOSE OF PROJECT

TO STUDY THE ACCUMULATION OF MERCURY IN THE TISSUES OF SEALS IN EASTERN AND ARCTIC CANADA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP.	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CYSTOPHORA CRISTATA	MERCURY-INORGA	X							X						X						1	4		71				X					233
CYSTOPHORA CRISTATA	MERCURY-ORGANI	X							X						X						1	4		71				X					233
CYSTOPHORA CRISTATA	MERCURY-TOTAL	X							X						X						1	4		71				X					233
HALICHOERUS GRYPUS	MERCURY-INORGA	X							X						X						1	12		71				X					233
HALICHOERUS GRYPUS	MERCURY-ORGANI	X							X						X						1	12		71				X					233
HALICHOERUS GRYPUS	MERCURY-TOTAL	X							X						X						1	12		71				X					233
PAGOPHILUS GROENLAN	MERCURY-INORGA	X							X						X						1	21		71				X					233
PAGOPHILUS GROENLAN	MERCURY-ORGANI	X							X						X						1	21		71				X					233
PAGOPHILUS GROENLAN	MERCURY-TOTAL	X							X						X						1	21		71				X					233
PHOCA HISPIDA	MERCURY-INORGA	X			X				X						X						1	50		76				X				BAFFIN BAY	233
PHOCA HISPIDA	MERCURY-ORGANI	X			X				X						X						1	50		76				X				BAFFIN BAY	233
PHOCA HISPIDA	MERCURY-TOTAL	X			X				X						X						1	50		76				X				BAFFIN BAY	233
PHOCA HISPIDA	SELENIUM	X			X				X						X						1	50		76				X				BAFFIN BAY	233
PHOCA HISPIDA	MERCURY-INORGA	X			X				X						X						1	120		72	75			X				BEAUFORT SEA	233
PHOCA HISPIDA	MERCURY-ORGANI	X			X				X						X						1	120		72	75			X				BEAUFORT SEA	233
PHOCA HISPIDA	MERCURY-TOTAL	X			X				X						X						1	120		72	75			X				BEAUFORT SEA	233
PHOCA HISPIDA	SELENIUM	X			X				X						X						1	120		72	75			X				BEAUFORT SEA	233
PHOCA VITULINA	MERCURY-INORGA	X							X						X						1	9		71				X					233
PHOCA VITULINA	MERCURY-ORGANI	X							X						X						1	9		71				X					233
PHOCA VITULINA	MERCURY-TOTAL	X							X						X						1	9		71				X					233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

J.FISH.RES.BOARD CANADA

DATE 771208 INSTITUTE(H20) CENTRE D'ETUDE DES MAMMIFERES MARINS FRANCE
28,RUE ALBERT IER
17000 LA ROCHELLE

PROJECT(B44) - RECHERCHES SUR LA POLLUTION PAR METAUX LOURDS ET PESTICIDES DATA VALID AS OF 23/03/77

LEADER DR.R.DUGUY TELEPHONE 46-411825 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 20000 US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/76	12/76
OPERATIONAL	01/77	12/77

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

PRELEVEMENTS D'ORGANES SUR LES CETACES TROUVES MORTS SUR LES COTES DE FRANCE POUR LE DOSAGE DES METAUX LOURDS ET DES PESTICIDES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN (LWAD / EEGE / NIBV / GG S / TH T / HT G)	PRESERVATION METHOD (NIFSDFAO / CCRAROLT / TEOLIRCH / DZTEMOE / BEDLHR / ND NL)	SAMPLE ORIGIN (FCAO / IOQT / EMCH / LRLE / DCTR / LR)	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA (YR ST / YR EN / COMP / INHSE / PUBLSH)	BIOASSAYS (TOXCTY / FDCHNY / OTHBIO)	GEOGRAPHIC AREA	WAT COD
CETACEA	PESTICIDES													
CETACEA	TIN													
CETACEA	MERCURY-TOTAL													
CETACEA	COPPER													
CETACEA	ZINC													
CETACEA	CHROMIUM													
CETACEA	CADMIUM													
CETACEA	ARSENIC													
CETACEA	ANTIMONY													
CETACEA	SILVER													
CETACEA	NICKEL													
CETACEA	VANADIUM													
CETACEA	MANGANESE													
CETACEA	MOLYBDENUM													
CETACEA	SELENIUM													
CETACEA	LEAD													

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REV.DES TRAVAUX DE L'INST.SCIENT.&TECHN.DES PECHES MARITIMES

DATE 771208 INSTITUTE(H22) SWEDISH MUSEUM OF NATURAL HISTORY SWEDEN
S 10405 STOCKHOLM 50

PROJECT(D03) - BASELINE & MONITORING STUDIES IN SWEDISH AQUATIC ENVIRONMENT DATA VALID AS OF 19/07/77

LEADER MATS OLSSON TELEPHONE 08-150240 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 280000 US DOLLAR EQUIVALENT - STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/67	/
OPERATIONAL	/67	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO STUDY KNOWN & UNKNOWN BIOACCUMULATION SUBSTANCES IN AQUATIC BIOTA. TO STUDY THE METABOLIZATION BIOACCUMULATION & BIOMAGNIFICATION OF THESE SUBSTANCES. TO STUDY THEIR TREND & THEIR EFFECT UPON SOME SPECIFIED SPECIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ALGAE N.E.I.	DDT-TOTAL	X		X	X	X	X		X						X					1	1	40		68			X					BALTIC SEA(INCL.	226
ALGAE N.E.I.	PCB'S	X		X	X	X	X		X						X					1	1	40		68			X					BALTIC SEA(INCL.	226
ALGAE N.E.I.	MERCURY-TOTAL	X		X	X	X	X		X						X					1	1	40		68			X					BALTIC SEA(INCL.	226
ANGUILLA ANGUILLA	DDT-TOTAL	X	X	X	X	X	X		X						X					50	1	750		69		X		X				BALTIC SEA(INCL.	225
ANGUILLA ANGUILLA	PCB'S	X	X	X	X	X	X		X						X					50	1	750		69		X		X				BALTIC SEA(INCL.	225
ANGUILLA ANGUILLA	MERCURY-TOTAL	X	X	X	X	X	X		X						X					50	1	750		69		X		X				BALTIC SEA(INCL.	225
BIRD,GUANC,EGGS,ETC	DDT-TOTAL	X		X	X	X	X		X						X							100		67				X					
BIRD,GUANO,EGGS,ETC	PCB'S	X		X	X	X	X		X						X							100		67				X					
BIRD,GUANC,EGGS,ETC	MERCURY-TOTAL	X		X	X	X	X		X						X							100		67				X					
CLUPEA HARENGUS	DDT-TOTAL	X	X	X	X	X	X		X						X					15	4	1500		69				X				BALTIC SEA(INCL.	226
CLUPEA HARENGUS	PCB'S	X	X	X	X	X	X		X						X					15	4	1500		69				X				BALTIC SEA(INCL.	226
CLUPEA HARENGUS	MERCURY-TOTAL	X	X	X	X	X	X		X						X					15	4	1500		69				X				BALTIC SEA(INCL.	226
ESOX LUCIUS	DDT-TOTAL	X	X	X	X	X	X		X						X					50	1	750		69		X		X				BALTIC SEA(INCL.	225
ESOX LUCIUS	PCB'S	X	X	X	X	X	X		X						X					50	1	750		69		X		X				BALTIC SEA(INCL.	225
ESOX LUCIUS	MERCURY-TOTAL	X	X	X	X	X	X		X						X					50	1	750		69		X		X				BALTIC SEA(INCL.	225
GADUS MORHUA	DDT-TOTAL	X	X	X	X	X	X		X						X					15	1	200		69				X				BALTIC SEA(INCL.	226
GADUS MORHUA	PCB'S	X	X	X	X	X	X		X						X					15	1	200		69				X				BALTIC SEA(INCL.	226
GADUS MORHUA	MERCURY-TOTAL	X	X	X	X	X	X		X						X					15	1	200		69				X				BALTIC SEA(INCL.	226
HALIAEETUS ALBICILL	DDT-TOTAL	X		X	X	X	X		X						X							10		67				X				BALTIC SEA(INCL.	225
HALIAEETUS ALBICILL	PCB'S	X		X	X	X	X		X						X							10		67				X				BALTIC SEA(INCL.	225
HALIAEETUS ALBICILL	MERCURY-TOTAL	X		X	X	X	X		X						X							10		67				X				BALTIC SEA(INCL.	225
HALICHOERUS GRYPUS	DDT-TOTAL	X	X	X	X	X	X		X						X							50		69				X				BALTIC SEA(INCL.	226
HALICHOERUS GRYPUS	PCB'S	X	X	X	X	X	X		X						X							50		69				X				BALTIC SEA(INCL.	226
HALICHOERUS GRYPUS	MERCURY-TOTAL	X	X	X	X	X	X		X						X							50		69				X				BALTIC SEA(INCL.	226
LEUCISCUS RUTILIUS	DDT-TOTAL	X	X	X	X	X	X		X						X					4	12	360		68				X				SWEDEN	211
LEUCISCUS RUTILIUS	PCB'S	X	X	X	X	X	X		X						X					4	12	360		68				X				SWEDEN	211
LEUCISCUS RUTILIUS	MERCURY-TOTAL	X	X	X	X	X	X		X						X					4	12	360		68				X				SWEDEN	211
LUTRA LUTRA	DDT-TOTAL	X	X	X	X	X	X		X						X							10		68			X					SWEDEN	212
LUTRA LUTRA	PCB'S	X	X	X	X	X	X		X						X							10		68			X					SWEDEN	212
LUTRA LUTRA	MERCURY-TOTAL	X	X	X	X	X	X		X						X							10		68			X					SWEDEN	212
MUSTELUS VISON	DDT-TOTAL	X	X	X	X	X	X		X						X							20		74					X			SWEDEN	211
MUSTELUS VISON	PCB'S	X	X	X	X	X	X		X						X							20		74					X			SWEDEN	211
PARALION HALIATETUS	DDT-TOTAL	X		X		X	X		X						X							30		67				X				SWEDEN	211
PARALICN HALIATETUS	PCB'S	X		X		X	X		X						X							30		67				X				SWEDEN	211
PARALION HALIATETUS	MERCURY-TOTAL	X		X		X	X		X						X							30		67				X				SWEDEN	211
PHALACROCORAX	DDT-TOTAL	X		X		X	X		X						X					1		10		68				X				BALTIC SEA(INCL.	225
PHALACROCORAX	PCB'S	X		X		X	X		X						X					1		10		68				X				BALTIC SEA(INCL.	225
PHALACROCORAX	MERCURY-TOTAL	X		X		X	X		X						X					1		10		68				X				BALTIC SEA(INCL.	225
PHOCA VITULINA	DDT-TOTAL	X	X	X	X	X	X		X						X							50		69				X				BALTIC SEA(INCL.	226
PHOCA VITULINA	PCB'S	X	X	X	X	X	X		X						X							50		69				X				BALTIC SEA(INCL.	226
PHOCA VITULINA	MERCURY-TOTAL	X	X	X	X	X	X		X						X							50		69				X				BALTIC SEA(INCL.	226
PHOCOENA PHOCOENA	DDT-TOTAL	X	X	X	X	X	X		X						X							10		69				X				BALTIC SEA(INCL.	226
PHOCOENA PHOCOENA	PCB'S	X	X	X	X	X	X		X						X							10		69				X				BALTIC SEA(INCL.	226
PHOCOENA PHOCOENA	MERCURY-TOTAL	X	X	X	X	X	X		X						X							10		69				X				BALTIC SEA(INCL.	226
PUSA HISPIDA	DDT-TOTAL	X	X	X	X	X	X		X						X							50		69				X				NORTH SEA(INCL.S	233
PUSA HISPIDA	PCB'S	X	X	X	X	X	X		X						X							50		69				X				NORTH SEA(INCL.S	233
PUSA HISPIDA	MERCURY-TOTAL	X	X	X	X	X	X		X						X							50		69				X				NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

NATURE,AMBIO,REPORT SERIE INST.FRESHW.RES.ETC.

DATE 771208 INSTITUTE(H24) ONTARIO MINISTRY OF AGRIC.&FOOD CANADA
PROVINCIAL PESTICIDE RESIDUE TESTING LABORATORY
OMAF LABORATORIES
C/O UNIV.OF GUELPH
GUELPH,ONTARIO,N1G 2W1

PROJECT(C47) - ANALYSIS OF OCEAN MAMMALS FROM COASTAL WATERS OF CANADA DATA VALID AS OF 12/05/77

LEADER RONALD,GASKIN,FRANK TELEPHONE 5198244120 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /69 /72
OPERATIONAL /69 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PAGOPHILUS GROENLAN	DIELDRIN		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	DDE-PP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	TDE-PP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	DDT-PP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	DDT-OP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	PCB'S		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PAGOPHILUS GROENLAN	DIELDRIN		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	DDE-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	TDE-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	DDT-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	DDT-OP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	PCB'S		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PAGOPHILUS GROENLAN	DIELDRIN		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	DDE-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	TDE-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	DDT-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	DDT-OP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	PCB'S		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PAGOPHILUS GROENLAN	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	DIELDRIN		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	DDE-PP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	TDE-PP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	DDT-PP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	DDT-OP		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	PCB'S		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCA VITULINA	DIELDRIN		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	DDE-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	TDE-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	DDT-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	DDT-OP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	PCB'S		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCA VITULINA	DIELDRIN		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	DDE-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	TDE-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	DDT-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	DDT-OP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	PCB'S		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCA VITULINA	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA			X	X	X	X			X						X						1			69			X	X				NORTH ATLANTIC O	232
PHOCOENA PHOCOENA	DIELDRIN		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	DDE-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	TDE-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	DDT-PP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	DDT-OP		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232

DATE 771208 INSTITUTE(H24) ONTARIO MINISTRY OF AGRIC.&FOOD CANADA

PROVINCIAL PESTICIDE RESIDUE TESTING LABORATORY
OMAF LABORATORIES
C/O UNIV.OF GUELPH
GUELPH,ONTARIO,N1G 2W1

PROJECT(C47) - ANALYSIS OF OCEAN MAMMALS FROM COASTAL WATERS OF CANADA DATA VALID AS OF 12/05/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	SAMPLE DESCRPTN: AGE	SAMPLE DESCRPTN: DEVSTG	PRESERVATION METHOD: NCT	PRESERVATION METHOD: ICED	PRESERVATION METHOD: FROZEN	PRESERVATION METHOD: SALTED	PRESERVATION METHOD: DRIED	PRESERVATION METHOD: FORMLN	PRESERVATION METHOD: ALCOHL	PRESERVATION METHOD: OTHER	SAMPLE ORIGIN: FIELD	SAMPLE ORIGIN: COMRCL	SAMPLE ORIGIN: AQUCLTR	SAMPLE ORIGIN: OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	RAW DATA: YR EN	RAW DATA: COMP	RAW DATA: INHSE	RAW DATA: PUBLSH	BIOASSAYS: TOXCTY	BIOASSAYS: FDCHN	BIOASSAYS: OTHBIO	GEOGRAPHIC AREA	WAT COD
PHOCOENA PHOCOENA	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	PCB'S		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				CARIBBEAN SEA AN	232
PHOCOENA PHOCOENA	DIELDRIN		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	DDE-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	TDE-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	DDT-PP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	DDT-OP		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	DDT-TOTAL		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	ENDOSULFAN		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	PCB'S		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232
PHOCOENA PHOCOENA	MERCURY-INORGA		X	X	X	X			X						X						1			69			X	X				GULF OF ST.LAWRE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

NATURE 233:499-500 OCT 1971 ETC.

DATE 771208 INSTITUTE(H26) MARINE MAMMAL DIVISION UNITED STATES

NATIONAL MARINE FISHERIES SERVICE
7600 SAND POINT WAY
SEATTLE, WASHINGTON 98115

PROJECT(C12) - REPRODUCTIVE FAILURE OF CALIFORNIA SEA LIONS DATA VALID AS OF 04/04/77

LEADER DELONG R.L. TELEPHONE 2064424718 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 5000 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	07/69	
OPERATIONAL	07/69	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO DETERMINE THE NATURE OF THE RELATICNSHIP BETWEEN PREMATURE PARTURITION IN CALIFORNIA SEA LIONS & ENVIRONMENTAL POLLUTANT RESIDUES & PATHOGENIC ORGANISMS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOAS-SAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ZULOPHUS CALIFORNIC	DIELDRIN	X	X		X				X			X			X					1	2	20		75	75		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DIELDRIN	X	X		X				X			X			X					1	2	20		76	76		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DIELDRIN	X	X		X				X			X			X					1	2	10		70	70			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DIELDRIN	X	X		X				X			X			X					1	2	10		74	74		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DIELDRIN	X	X		X				X			X			X					1	2	20		72	72			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DIELDRIN	X	X		X				X			X			X					1	2	10		73	73		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDE-PP	X	X		X				X			X			X					1	2	20		76	76		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDE-PP	X	X		X				X			X			X					1	2	10		73	73		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDE-PP	X	X		X				X			X			X					1	2	10		70	70			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDE-PP	X	X		X				X			X			X					1	2	20		72	72			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDE-PP	X	X		X				X			X			X					1	2	20		75	75		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDE-PP	X	X		X				X			X			X					1	2	10		74	74		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDT-PP	X	X		X				X			X			X					1	2	20		76	76		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDT-PP	X	X		X				X			X			X					1	2	10		73	73		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDT-PP	X	X		X				X			X			X					1	2	20		72	72			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDT-PP	X	X		X				X			X			X					1	2	20		75	75		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDT-PP	X	X		X				X			X			X					1	2	10		74	74		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	DDT-PP	X	X		X				X			X			X					1	2	10		70	70			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	PCB'S	X	X		X				X			X			X					1	2	20		72	72			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	PCB'S	X	X		X				X			X			X					1	2	10		74	74		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	PCB'S	X	X		X				X			X			X					1	2	20		75	75		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	PCB'S	X	X		X				X			X			X					1	2	10		73	73		X			X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	PCB'S	X	X		X				X			X			X					1	2	10		70	70			X		X		NORTHERN PACIFIC	232
ZULOPHUS CALIFORNIC	PCB'S	X	X		X				X			X			X					1	2	20		76	76		X			X		NORTHERN PACIFIC	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

SCIENCE-JOURNAL OF WILDLIFE DISEASES-MARINE BICLOGY

DATE 771208   INSTITUTE(H28)   INTERUNIVERSITY REACTOR INSTITUTE   NETHERLANDS
DELFT

PROJECT(C96) - MERCURY LEVELS IN THE DUTCH COASTAL ENVIRONMENT   DATA VALID AS OF 21/07/77

LEADER   DE GOEY J.J.M.   TELEPHONE 015786713 TELEX/CABLE

FUNDING - NATIONAL CURRENCY   US DOLLAR EQUIVALENT -   STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/69	/70
OPERATIONAL	/69	/70

SUB-PROGRAMME OF YES

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

PRELIMINARY SURVEY OF MERCURY LEVELS OF VARIOUS BIOLOGICAL SPECIES AT DIFFERENT TROPHIC LEVELS IN THE WADDEN SEA AND ADJACENT PARTS OF THE NORTH SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CARDIUM EDULE	MERCURY-TOTAL								X						X					5				69	70			X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	MERCURY-INORGA								X						X					3				69	70			X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	MERCURY-TOTAL								X						X					3				69	70			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	MERCURY-INORGA								X						X					1				69	70			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	MERCURY-TOTAL								X						X					1				69	70			X				NORTH SEA(INCL.S	232
MACOMA BALTICA	MERCURY-INORGA								X						X					3				69	70			X				NORTH SEA(INCL.S	232
MACOMA BALTICA	MERCURY-TOTAL								X						X					3				69	70			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-TOTAL		X						X						X	X			X	6				69	70			X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	MERCURY-INORGA								X						X					2				67	70			X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	MERCURY-TOTAL								X						X					2				67	70			X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-INORGA								X						X					2				69	70			X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-TOTAL								X						X					2				69	70			X				NORTH SEA(INCL.S	232
SPRATTUS SPRATTUS	MERCURY-INORGA								X						X					3				69	70			X				NORTH SEA(INCL.S	232
SPRATTUS SPRATTUS	MERCURY-TOTAL								X						X					3				69	70			X				NORTH SEA(INCL.S	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

TNO NIEUWS 26(1971) P.402-409 ETC.

DATE 771208 INSTITUTE(H28) INTERUNIVERSITY REACTOR INSTITUTE DELFT NETHERLANDS

PROJECT(C97) - TRACE ELEMENT BEHAVIOUR IN SOIL OF SOME INDONESIAN RIVER DATA VALID AS OF 21/07/77

LEADER HOUTMAN J.P.W. TELEPHONE 015783509 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/72
OPERATIONAL	/72	/72

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MORE INSIGHT IN THE ADSORPTION AND MOBILISATION OF 22 TRACE ELEMENTS (INCLUDING MERCURY) IN SAWAH SOIL AND RIVER SLUDGE AND POSSIBLE CONSEQUENCES OF THE MERCURY DISCHARGE INTO THE JAVA SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	MERCURY-TOTAL	X									X				X				X		1		X	72	72			X		X		INDONESIAN WATER	233
ANGUILLA ANGUILLA	SELENIUM	X									X				X				X		1		X	72	72			X		X		INDONESIAN WATER	233
PLEURONECTIFORMES	MERCURY-TOTAL	X									X				X				X		1		X	72	72			X		X		INDONESIAN WATER	233
PLEURONECTIFORMES	SELENIUM	X									X				X				X		1		X	72	72			X		X		INDONESIAN WATER	233
SHRIMPS AND PRAWNS	MERCURY-TOTAL	X									X				X				X		1		X	72	72			X		X		INDONESIAN WATER	233
SHRIMPS AND PRAWNS	SELENIUM	X									X				X				X		1		X	72	72			X		X		INDONESIAN WATER	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DELFT PROGRESS REPORT,SERIES A,VOL 1,1973,PAG 5-16

PROJECT(C98) - TRACE-ELEMENT LEVELS OF DOVER SOLE FLESH DATA VALID AS OF 21/07/77

LEADER DE GOEY J.J.M. TELEPHONE 015786713 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/74	/74

SUB-PROGRAMME OF SCCWRP

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

COMPARISON OF TRACE-ELEMENT LEVELS OF DOVER SOLE FLESH SAMPLES FROM A POLLUTED AREA (SEWER OUTLET) WITH THOSE FROM A NON-POLLUTED AREA. IN AN EARLIER STAGE, ALREADY TRACE ELEMENT LEVELS OF DOVER SOLE LIVER SAMPLES HAVE BEEN MEASURED

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	NAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
SOLEA VULGARIS	MERCURY-TOTAL	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	COPPER	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	ZINC	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	CADMIUM	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	ARSENIC	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	ANTIMONY	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	IRON	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	COBALT	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	MOLYBDENUM	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232
SOLEA VULGARIS	SELENIUM	X	X	X	X	X					X				X					2	1		X	73	73		X			X		GULF OF CALIFORN	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(H45) TEXAS A & M UNIVERSITY UNITED STATES
DEPARTMENT OF CHEMISTRY
COLLEGE STATION, TEXAS 77843

PROJECT(C61) - PHTHALATES & CHLORINATE HYDROCARBONS IN BIOTA DATA VALID AS OF 05/05/77

LEADER GIAM C.S. TELEPHONE 7138455235 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 100000 STAFF CF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/73
OPERATIONAL	/73	/74

SUB-PROGRAMME OF NSF-IDOE/PTP

PURPOSE OF PROJECT

TO DETERMINE IF PHTHALATE ESTER PLASTICIZERS ARE POLLUTING BIOTA FROM THE GULF OF MEXICO & TO DETERMINE THEIR CONCENTRATIONS & THOSE OF THE DDTS AND PCBS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HU CONSUMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	YR ST	YR EN	RAW DATA	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
CALLINECTES SAPIDUS	DDE-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CALLINECTES SAPIDUS	DDT-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CALLINECTES SAPIDUS	PCB'S		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CALLINECTES SAPIDUS	PHTHALATE ESTE		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CARCHARHINUS FALCIF	DDE-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
CARCHARHINUS FALCIF	DDT-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
CARCHARHINUS FALCIF	PCB'S		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
CARCHARHINUS FALCIF	PHTHALATE ESTE		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
CHAETODIPTERUS FABE	DDE-PP		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
CHAETODIPTERUS FABE	DDT-PP		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
CHAETODIPTERUS FABE	PCB'S		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
CHAETODIPTERUS FABE	PHTHALATE ESTE		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NEBULOSUS	DDE-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NEBULOSUS	DDT-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NEBULOSUS	PCB'S		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NEBULOSUS	PHTHALATE ESTE		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	DDE-PP		X	X	X	X	2	1	2		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	DDT-PP		X	X	X	X	2	1	2		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	PCB'S		X	X	X	X	2	1	2		73	74	X		CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	PHTHALATE ESTE		X	X	X	X	2	1	2		73	74	X		CARIBBEAN SEA AN	233
DASYTIS SABINA	DDE-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
DASYTIS SABINA	DDT-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
DASYTIS SABINA	PCB'S		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
DASYTIS SABINA	PHTHALATE ESTE		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
EQUETUS LANCEOLATUS	DDE-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
EQUETUS LANCEOLATUS	DDT-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
EQUETUS LANCEOLATUS	PCB'S		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
EQUETUS LANCEOLATUS	PHTHALATE ESTE		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
GALEICHTHYS FELIS	DDE-PP		X	X	X		3	2	4		73	74	X		CARIBBEAN SEA AN	233
GALEICHTHYS FELIS	DDT-PP		X	X	X		3	2	4		73	74	X		CARIBBEAN SEA AN	233
GALEICHTHYS FELIS	PCB'S		X	X	X		3	2	4		73	74	X		CARIBBEAN SEA AN	233
GALEICHTHYS FELIS	PHTHALATE ESTE		X	X	X		3	2	4		73	74	X		CARIBBEAN SEA AN	233
LUIDIA CLATHRATA	DDE-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
LUIDIA CLATHRATA	DDT-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
LUIDIA CLATHRATA	PCB'S		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
LUIDIA CLATHRATA	PHTHALATE ESTE		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	DDE-PP		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	DDT-PP		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	PCB'S		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	PHTHALATE ESTE		X	X	X	X	2	2	2		73	74	X		CARIBBEAN SEA AN	233
POGONIAS CROMIS	DDE-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
POGONIAS CROMIS	DDT-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
POGONIAS CROMIS	PCB'S		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
POGONIAS CROMIS	PHTHALATE ESTE		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
RAJA TEXANA	DDE-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
RAJA TEXANA	DDT-PP		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
RAJA TEXANA	PCB'S		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
RAJA TEXANA	PHTHALATE ESTE		X	X	X		1	1	1		73	74	X		CARIBBEAN SEA AN	233
SERIOLA DUMERILI	DDE-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SERIOLA DUMERILI	DDT-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SERIOLA DUMERILI	PCB'S		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SERIOLA DUMERILI	PHTHALATE ESTE		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SQUILLA EMPUSA	DDE-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SQUILLA EMPUSA	DDT-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SQUILLA EMPUSA	PCB'S		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
SQUILLA EMPUSA	PHTHALATE ESTE		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
TRACHINOTUS CAROLIN	DDE-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
TRACHINOTUS CAROLIN	DDT-PP		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
TRACHINOTUS CAROLIN	PCB'S		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233
TRACHINOTUS CAROLIN	PHTHALATE ESTE		X	X	X	X	1	1	1		73	74	X		CARIBBEAN SEA AN	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DEPARTMENT OF CHEMISTRY
COLLEGE STATION, TEXAS 77843

PROJECT(C61) - PHTHALATES & CHLORINATE HYDROCARBONS IN BIOTA DATA VALID AS OF 05/05/77

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HOST SUBSTANCE    CONTAMINANT    C SAMPLE    PRESERVATION       SAMPLE   H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC        WAT
                                 A DESCRPTN METHOD              ORIGIN   U STNS FREQ  /YEAR I             SAYS   AREA              COD
                                 L  L W A D N I F S D F A O    F C A O M                    M YR YR C I P  T F O
                                 B  E E G E C C R A R O L T    I O Q T C                    W ST EN O N U  O D T
                                 R  N I E V T E O L I R C H    E M C H O                    A       M H B  X C H
                                 T  G G   S   D Z T E M O E    L R L E N                    T       P S L  C H B
                                 D  T H   T     E E D L H R    D C T R S                    E         E S  T N I
                                    H T   G     N D   N L        L R   P                    R           H  Y   O
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ANALYTICAL CHEMISTRY

DATE 771208 INSTITUTE(H45) TEXAS A & M UNIVERSITY UNITED STATES
DEPARTMENT OF CHEMISTRY
COLLEGE STATION, TEXAS 77843

PROJECT(C62) - DDT, DDE & POLYCHLORINATED BIPHENYLS IN BIOTA DATA VALID AS OF 02/05/77

LEADER GIAM C.S. TELEPHONE 7138455235 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 100000 STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/71
OPERATIONAL	/71	/72

SUB-PROGRAMME OF NSF-IDOE

PURPOSE OF PROJECT

TO DETERMINE THE CONCENTRATION OF DDTS & PCBS IN BIOTA FROM THE GULF OF MEXICO & THE CARRIBBEAN SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BALISTES VETULA	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BALISTES VETULA	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BALISTES VETULA	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BALISTES VETULA	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BENTHODESMUS ATLANT	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BENTHODESMUS ATLANT	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BENTHODESMUS ATLANT	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
BENTHODESMUS ATLANT	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
CANTHIDERMIS SUFFLA	DDE-PP	X		X					X						X					3	1	3		71	72			X				CARIBBEAN SEA AN	233
CANTHIDERMIS SUFFLA	DDT-PP	X		X					X						X					3	1	3		71	72			X				CARIBBEAN SEA AN	233
CANTHIDERMIS SUFFLA	DDT-TOTAL	X		X					X						X					3	1	3		71	72			X				CARIBBEAN SEA AN	233
CANTHIDERMIS SUFFLA	PCB'S	X		X					X						X					3	1	3		71	72			X				CARIBBEAN SEA AN	233
EPINEPHELUS STRIATU	DDE-PP	X	X	X					X						X				X	4	1	14		71	72			X				CARIBBEAN SEA AN	233
EPINEPHELUS STRIATU	DDT-PP	X	X	X					X						X				X	4	1	14		71	72			X				CARIBBEAN SEA AN	233
EPINEPHELUS STRIATU	DDT-TOTAL	X	X	X					X						X				X	4	1	14		71	72			X				CARIBBEAN SEA AN	233
EPINEPHELUS STRIATU	PCB'S	X	X	X					X						X				X	4	1	14		71	72			X				CARIBBEAN SEA AN	233
EUTHYNNUS ALLETTERA	DDE-PP	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
EUTHYNNUS ALLETTERA	DDT-PP	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
EUTHYNNUS ALLETTERA	DDT-TOTAL	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
EUTHYNNUS ALLETTERA	PCB'S	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
HALICUTICHTHYS ACUL	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HALICUTICHTHYS ACUL	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HALICUTICHTHYS ACUL	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HALICUTICHTHYS ACUL	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HOLICHOERES RADIATU	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HOLICHOERES RADIATU	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HOLICHOERBS RADIATU	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
HOLICHOERES RADIATU	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
LUTJANUS AYA (=PURP	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
LUTJANUS AYA (=PURP	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
LUTJANUS AYA (=PURP	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
LUTJANUS AYA (=PURP	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA INTERS	DDE-PP	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA INTERS	DDT-PP	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA INTERS	DDT-TOTAL	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA INTERS	PCB'S	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA VENENO	DDE-PP	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA VENENO	DDT-PP	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA VENENO	DDT-TOTAL	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
MYCTEROPERCA VENENO	PCB'S	X	X	X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
OCYURUS CHRYSURUS	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
OCYURUS CHRYSURUS	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
OCYURUS CHRYSURUS	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
OCYURUS CHRYSURUS	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PARAQUES ACUMINATUS	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PARAQUES ACUMINATUS	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PARAQUES ACUMINATUS	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PARAQUES ACUMINATUS	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PERISTEDION ORACILE	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PERISTEDICN ORACILE	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PERISTEDICN ORACILE	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
PERISTEDION ORACILE	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SAURIDA BRASILIENSI	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SAURIDA BRASILIENSI	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SAURIDA BRASILIENSI	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SAURIDA BRASILIENSI	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233

DATE 771208 INSTITUTE(H45) TEXAS A & M UNIVERSITY
DEPARTMENT OF CHEMISTRY
COLLEGE STATION, TEXAS 77843
UNITED STATES

PROJECT(C62) - DDT, DDE & POLYCHLORINATED BIPHENYLS IN BIOTA DATA VALID AS OF 02/05/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SEALED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMPS	INDVS	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SERRANUS ATROBRANCH	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SYACIUM GUNTERI	DDE-PP	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM GUNTERI	DDT-PP	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM GUNTERI	DDT-TOTAL	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM GUNTERI	PCB'S	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM PAPILLOSUM	DDE-PP	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM PAPILLOSUM	DDT-PP	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM PAPILLOSUM	DDT-TOTAL	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYACIUM PAPILLOSUM	PCB'S	X		X					X						X				X	2	1	2		71	72			X				CARIBBEAN SEA AN	233
SYNODUS INTERMEDIUS	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SYNODUS INTERMEDIUS	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SYNODUS INTERMEDIUS	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
SYNODUS INTERMEDIUS	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
THUNNUS ATLANTICUS	DDE-PP	X		X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
THUNNUS ATLANTICUS	DDT-PP	X		X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
THUNNUS ATLANTICUS	DDT-TOTAL	X		X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
THUNNUS ATLANTICUS	PCB'S	X		X					X						X				X	1	1	1		71	72			X				CARIBBEAN SEA AN	233
TRICHOPSETTA VENTRA	DDE-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
TRICHOPSETTA VENTRA	DDT-PP	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
TRICHOPSETTA VENTRA	DDT-TOTAL	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233
TRICHOPSETTA VENTRA	PCB'S	X		X					X						X					1	1	1		71	72			X				CARIBBEAN SEA AN	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULL.OF ENV.CONTAM.&TOXICOL.-PESTICIDES MONIT.JOURN.(USA)

DATE 771208 INSTITUTE(H48) CENTRE DE RECHERCHES OCEANOGRAPHIQUES ET DES PECHES ALGERIA
JETEE NORD B.P. 90, ALGER

PROJECT(B27) - SURVEILLANCE DES METAUX DANS LES ORGANISMES MARINS DATA VALID AS OF 14/03/77

LEADER SIBLOT DALILA TELEPHONE 627311 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/77	/77

SUB-PROGRAMME OF FAO(C.G.P.M.)/PNUE

PURPOSE OF PROJECT

REALISER LA SURVEILLANCE CONTINUE DES METAUX (ESSENTIELLEMENT MERCURE ET CADMIUM) EN LES ANALYSANT DANS CERTAINES ESPECES SELECTIONNEES DANS LE CADRE D'UNE MEILLEURE COORDINATION DES ETUDES SUR LA CONCENTRATION DE CES METAUX EN MEDITERRANEE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
		LBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NC1	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMMERCL	AQCLTR	OTHERS	MCONSP				MWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FODCHN	OTHBIO		
MULLUS BARBATUS	MERCURY-TOTAL		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MULLUS BARBATUS	COPPER		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MULLUS BARBATUS	ZINC		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MULLUS BARBATUS	CHROMIUM		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MULLUS BARBATUS	CADMIUM		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MULLUS BARBATUS	ARSENIC		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MULLUS BARBATUS	LEAD		X	X	X				X						X				X		4	48	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	MERCURY-TOTAL		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	COPPER		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	ZINC		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	CHROMIUM		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	CADMIUM		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	ARSENIC		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
MYTILUS EDULIS	LEAD		X	X					X						X				X		4	80	X	77	77		X					MEDITERRANEAN SE	232
THUNNUS THYNNUS	MERCURY-TOTAL								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	COPPER								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	ZINC								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	CHROMIUM								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	CADMIUM								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	ARSENIC								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	LEAD								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	MERCURY-TOTAL								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	COPPER								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	ZINC								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	CHROMIUM								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	CADMIUM								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	ARSENIC								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	LEAD								X							X			X		1		X	77	77		X					MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(H49) FISHERIES DEPARTMENT CYPRUS
TAGMATARCHOU POULIOU 5-7 NICOSIA

PROJECT(D01) - BASELINE STUDIES & MONITORING OF METALS DATA VALID AS OF 14/03/77

LEADER DEMETROPOULOUS A. TELEPHONE 40-3279 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 10000 US DOLLAR EQUIVALENT - 24000 STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/76	/78

SUB-PROGRAMME OF FAO(GFCM)/UNEP

PURPOSE OF PROJECT

BASELINE STUDIES ON THE LEVEL OF VARIOUS METALS IN MARINE ORGANISMS IN ORDER TO OBTAIN AN OVERALL PICTURE OF THE LEVELS OF METALS CONSIDERED TO BE IMPORTANT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MULLUS BARBATUS	MERCURY-INORGA	X	X	X					X						X	X			X	3	4	60		76			X					MEDITERRANEAN SE	233
MULLUS BARBATUS	MERCURY-TOTAL	X	X	X					X						X	X			X	3	4	60		76			X					MEDITERRANEAN SE	233
MULLUS BARBATUS	COPPER	X	X	X					X						X	X			X	3	4	60		76			X					MEDITERRANEAN SE	233
MULLUS BARBATUS	ZINC	X	X	X					X						X	X			X	3	4	60		76			X					MEDITERRANEAN SE	233
MULLUS BARBATUS	CADMIUM	X	X	X					X						X	X			X	3	4	60		76			X					MEDITERRANEAN SE	233
MULLUS BARBATUS	LEAD	X	X	X					X						X	X			X	3	4	60		76			X					MEDITERRANEAN SE	233
PATELLA COERULEA	MERCURY-INORGA	X	X	X					X						X	X			X	3	4	200		76			X					MEDITERRANEAN SE	232
PATELLA COERULEA	MERCURY-TOTAL	X	X	X					X						X	X			X	3	4	200		76			X					MEDITERRANEAN SE	232
PATELLA COERULEA	COPPER	X	X	X					X						X	X			X	3	4	200		76			X					MEDITERRANEAN SE	232
PATELLA COERULEA	ZINC	X	X	X					X						X	X			X	3	4	200		76			X					MEDITERRANEAN SE	232
PATELLA COERULEA	CADMIUM	X	X	X					X						X	X			X	3	4	200		76			X					MEDITERRANEAN SE	232
PATELLA COERULEA	LEAD	X	X	X					X						X	X			X	3	4	200		76			X					MEDITERRANEAN SE	232
XIPHIAS GLADIUS	MERCURY-INORGA	X	X	X					X						X	X			X	3	4	12		76			X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	MERCURY-TOTAL	X	X	X					X						X	X			X	3	4	12		76			X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	COPPER	X	X	X					X						X	X			X	3	4	12		76			X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	ZINC	X	X	X					X						X	X			X	3	4	12		76			X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	CADMIUM	X	X	X					X						X	X			X	3	4	12		76			X					MEDITERRANEAN SE	233
XIPHIAS GLADIUS	LEAD	X	X	X					X						X	X			X	3	4	12		76			X					MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(H52) MINISTERE DE L'AGRICULTURE FRANCE
DIRECTION DES SERVICES VETERINAIRES
LABORATOIRE CENTRAL D'HYGIENE ALIMENTAIRE
43 RUE DE DANTZIG, 75015 PARIS

PROJECT(B13) - SURVEILLANCE ECOLOGIQUE, EAUX DOUCES DATA VALID AS OF 04/02/77

LEADER G. CUMONT TELEPHONE 5318210 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /74 CONTINUING

SUB-PROGRAMME OF O.C.D.E.

PURPOSE OF PROJECT

SURVEILLER L'EVOLUTION DE L'IMPACT DE LA POLLUTION MERCURIELLE SUR LA FAUNE D'EAU DOUCE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROQZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SENWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	MERCURY-ORGANI	X	X						X						X				X			20		74	76		X					FRANCE	212
ANGUILLA ANGUILLA	MERCURY-TOTAL	X	X						X						X				X			20		74	76		X					FRANCE	212
ESOX LUCIUS	MERCURY-ORGANI	X	X						X						X				X			20		74	76		X					FRANCE	212
ESOX LUCIUS	MERCURY-TOTAL	X	X						X						X				X			20		74	76		X					FRANCE	212
GOBIO GOBIO	MERCURY-ORGANI	X	X						X						X				X			50		74	76		X					FRANCE	212
GOBIO GOBIO	MERCURY-TOTAL	X	X						X						X				X			50		74	76		X					FRANCE	212
LEUCISCUS CEPHALUS	MERCURY-ORGANI	X	X						X						X				X			20		74	76		X					FRANCE	212
LEUCISCUS CEPHALUS	MERCURY-TOTAL	X	X						X						X				X			20		74	76		X					FRANCE	212
PERCA FLUVIATILIS	BHC-ALPHA	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	BHC-GAMMA	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	DIELDRIN	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	DDE-PP	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	TDE-PP	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	DDT-PP	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	DDT-OP	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	DDT-TOTAL	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	MERCURY-ORGANI	X	X						X						X				X			30		72	76		X					FRANCE	212
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	BHC-ALPHA	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	BHC-GAMMA	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	DIELDRIN	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	DDE-PP	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	TDE-PP	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	DDT-PP	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	DDT-OP	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	DDT-TOTAL	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	MERCURY-ORGANI	X	X						X						X				X			30		72	76		X					FRANCE	212
RUTILUS RUTILUS	MERCURY-TOTAL	X	X						X						X				X			30		72	76		X					FRANCE	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(H52) MINISTERE DE L'AGRICULTURE FRANCE
DIRECTION DES SERVICES VETERINAIRES
LABORATOIRE CENTRAL D'HYGIENE ALIMENTAIRE
43 RUE DE DANTZIG,75015 PARIS

PROJECT(B14) - SURVEILLANCE DE LA CONTAMINATION MERCURIELLE DATA VALID AS OF 04/02/77

LEADER G.CUMONT TELEPHONE 5318210 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/71	CONTINUING

PROJECT HAS AN INSPECTION/REGULATORY FUNCTION

PURPOSE OF PROJECT

CONTROLER SI LES PRODUITS DE LA PECHE CIRCULANT EN FRANCE RESPECTENT LES NORMES POUR CE QUI CONCERNE LE MERCURE. ETABLIR UN BILAN DE L'ABSORPTION MOYENNE DE MERCURE PAR L'INTERMEDIAIRE DES PRODUITS DE LA PECHE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FRQZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHS.E	PUBLSH	BIOAS-SAYS TOXCTY	FDCHNY	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	MERCURY-TOTAL	X		X					X						X				X			20		74	76		X					FRANCE	212
CLUPEA HARENGUS	MERCURY-TOTAL	X		X					X							X			X			30		72			X	X				NORTH ATLANTIC O	232
ESOX LUCIUS	MERCURY-TOTAL	X		X					X						X				X			20		74	76		X					FRANCE	212
GADUS MORHUA	MERCURY-TOTAL	X							X							X			X			30		72			X	X				NORTH ATLANTIC O	232
GALEORHINUS GALEUS	MERCURY-TOTAL	X		X					X							X			X			50		72			X	X				NORTH ATLANTIC O	232
GOBIO GOBIO	MERCURY-TOTAL	X		X					X						X				X			50		74	76		X					FRANCE	212
LAMNA NASUS (=CORNU	MERCURY-TOTAL	X		X					X							X			X			100		72			X	X				NORTH ATLANTIC O	232
LEUCISCUS CEPHALUS	MERCURY-TOTAL	X		X					X						X				X			20		74	76		X					FRANCE	212
RUTILUS RUTILUS	MERCURY-TOTAL	X		X					X						X				X			100		74	76		X					FRANCE	212
SALMO TRUTTA	MERCURY-TOTAL	X		X					X						X				X			100		74	76		X					FRANCE	212
THUNNUS ALALUNGA	MERCURY-INORGA	X		X					X						X	X		X	X			1000		71			X	X				NORTH ATLANTIC O	232
THUNNUS ALALUNGA	MERCURY-ORGANI	X		X					X						X	X		X	X			1000		71			X	X				NORTH ATLANTIC O	232
THUNNUS ALALUNGA	MERCURY-TOTAL	X		X					X						X	X		X	X			1000		71			X	X				NORTH ATLANTIC O	232
THUNNUS ALBACARES	MERCURY-INORGA	X		X					X						X	X		X	X			1000		71			X	X				SOUTH ATLANTIC O	233
THUNNUS ALBACARES	MERCURY-ORGANI	X		X					X						X	X		X	X			1000		71			X	X				SOUTH ATLANTIC O	233
THUNNUS ALBACARES	MERCURY-TOTAL	X		X					X						X	X		X	X			1000		71			X	X				SOUTH ATLANTIC O	233
THUNNUS THYNNUS	MERCURY-INORGA	X		X					X						X	X		X	X			1000		71			X					MEDITERRANEAN SE	232
THUNNUS THYNNUS	MERCURY-ORGANI	X		X					X						X	X		X	X			1000		71			X					MEDITERRANEAN SE	232
THUNNUS THYNNUS	MERCURY-TOTAL	X		X					X						X	X		X	X			1000		71			X					MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REV.INTERN.OCEANOGR.MED.1972-XXVIII(95-127)

DATE 771208 INSTITUTE(H54) UNIVERSITY OF ATHENS GREECE
ZOOLOGICAL LABORATORY AND MUSEUM
PANEPISTIMIOPOLIS-KOUPONIA
ATHENS 621

PROJECT(C24) - RECHERCHE SUR EFFECTS DES POLLUANTS SUR ORGANISMES MARINS DATA VALID AS OF 14/04/77

LEADER MORAITOU-APOSTOLOPOULOU TELEPHONE 743217 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 450000 US DOLLAR EQUIVALENT - 11500 STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/77
OPERATIONAL	/77	CONTINUING

SUB-PROGRAMME OF FAO(CGPM)/PNUE

PURPOSE OF PROJECT

ETUDE PAR EXPERIMENTATION ON LABORATOIRE, DE L'INFLUENCE, DE DIFFERENTS CONTAMINANTS (CU ET HG PRINCIPALEMENT) SUR LES ORGANISMES MARINS ET LEURS COMMUNAUTES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOI	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACARTIA CLAUSI	COPPER					X									X					2	24	48		76	78				X			MEDITERRANEAN SE	232
ONCAEA MEDITERRANEA	COPPER					X									X					2	24	48		76	78				X			MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(H62) UNIVERSITA DI SIENA ITALY
LABORATORIO DI IDROBIOLOGIA
VIA CERCHIA, 3
53100 SIENA

PROJECT(B08) - MONITORING PROGRAM IN THE MEDITERRANEAN SEA DATA VALID AS OF 01/03/77

LEADER PROF. A. RENZONI TELEPHONE 0577288428 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 27000000 US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/78
OPERATIONAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

STUDY THE HEAVY METAL POLLUTION & THE CHLORINATED HYDROCARBONS CONTAMINATION IN MARINE ORGANISMS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ENGRAULIS ENCRASICO	DDT-PP	X	X	X					X						X				X	4	4	1440		76	78							MEDITERRANEAN SE	233
ENGRAULIS ENCRASICO	PCB'S		X	X					X						X				X	4	4	1440		76	78							MEDITERRANEAN SE	233
ENGRAULIS ENCRASICO	MERCURY-TOTAL	X	X	X					X						X				X	4	4	1440		76	78							MEDITERRANEAN SE	233
MULLUS BARBATUS	DDT-PP	X	X	X					X						X				X	4	4	360		76	78							MEDITERRANEAN SE	233
MULLUS BARBATUS	PCB'S		X	X					X						X				X	4	4	360		76	78							MEDITERRANEAN SE	233
MULLUS BARBATUS	MERCURY-TOTAL	X	X	X					X						X				X	4	4	360		76	78							MEDITERRANEAN SE	233
MYTILUS EDULIS	DDT-PP	X	X	X					X						X				X	5	4	720		76	78							MEDITERRANEAN SE	232
MYTILUS EDULIS	PCB'S		X	X					X						X				X	5	4	720		76	78							MEDITERRANEAN SE	232
MYTILUS EDULIS	MERCURY-TOTAL	X	X	X					X						X				X	5	4	720		76	78							MEDITERRANEAN SE	232
NEPHROPS NORVEGICUS	DDT-PP	X	X	X					X						X				X	4	4	360		76	78							MEDITERRANEAN SE	233
NEPHROPS NORVEGICUS	PCB'S		X	X					X						X				X	4	4	360		76	78							MEDITERRANEAN SE	233
NEPHROPS NORVEGICUS	MERCURY-TOTAL	X	X	X					X						X				X	4	4	360		76	78							MEDITERRANEAN SE	233
THUNNUS THYNNUS	DDT-PP	X	X	X					X						X				X	2				76	78							MEDITERRANEAN SE	233
THUNNUS THYNNUS	PCB'S		X	X					X						X				X	2				76	78							MEDITERRANEAN SE	233
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X					X						X				X	2				76	78							MEDITERRANEAN SE	233
XIPHIAS GLADIUS	DDT-PP	X	X	X					X						X				X	2				76	78							MEDITERRANEAN SE	233
XIPHIAS GLADIUS	PCB'S		X	X					X						X				X	2				76	78							MEDITERRANEAN SE	233
XIPHIAS GLADIUS	MERCURY-TOTAL	X	X	X					X						X				X	2				76	78							MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(H67) HYDROBIOLOGICAL RESEARCH INSTITUTE TURKEY
RUMELIHISAR, ISTANBUL

PROJECT(B04) - BASELINE STUDIES OF POLLUTION IN THE NORTHERN AEGEAN DATA VALID AS OF 15/02/77

LEADER M.ILHAM ARTUZ TELEPHONE 651511 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 75000 US DOLLAR EQUIVALENT - STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/77
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NONE	ICE	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMNCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CARCINUS MEDITERRAN	MERCURY-TOTAL	X		X											X					1	4	50		76	77				X			MEDITERRANEAN SE	232
CARCINUS MEDITERRAN	CHROMIUM	X		X											X					1	4	50		76	77				X			MEDITERRANEAN SE	232
CARCINUS MEDITERRAN	CADMIUM	X		X											X					1	4	50		76	77				X			MEDITERRANEAN SE	232
CARCINUS MEDITERRAN	LEAD	X		X											X					1	4	50		76	77				X			MEDITERRANEAN SE	232
MULLUS BARBATUS	MERCURY-TOTAL	X	X	X			X									X				3	3	75		76	77							MEDITERRANEAN SE	232
MULLUS BARBATUS	CHROMIUM	X	X	X			X									X				3	3	75		76	77							MEDITERRANEAN SE	232
MULLUS BARBATUS	CADMIUM	X	X	X			X									X				3	3	75		76	77							MEDITERRANEAN SE	232
MULLUS BARBATUS	LEAD	X	X	X			X									X				3	3	75		76	77							MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL	X	X												X					7	4	100		76	77				X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CHROMIUM	X	X												X					7	4	100		76	77				X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM	X	X												X					7	4	100		76	77				X			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD	X	X												X					7	4	100		76	77				X			MEDITERRANEAN SE	232
TRACHURUS MEDITERRA	MERCURY-TOTAL	X	X	X			X								X					5	3	75		76	77				X			MEDITERRANEAN SE	232
TRACHURUS MEDITERRA	CHROMIUM	X	X	X			X								X					5	3	75		76	77				X			MEDITERRANEAN SE	232
TRACHURUS MEDITERRA	CADMIUM	X	X	X			X								X					5	3	75		76	77				X			MEDITERRANEAN SE	232
TRACHURUS MEDITERRA	LEAD	X	X	X			X								X					5	3	75		76	77				X			MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

HIDROBIOLCJI PUB.OF THE H.B.R.I.

DATE 771208 INSTITUTE(H71) UNIVERSITA DI PAVIA ITALY
CENTRO DI RADIOCHIMICA E ANALISI
ISTITUTO DI CHIMICA GENERALE E INORGANICA
VIA TARAMELLI 12
27100 PAVIA

PROJECT(C37) - BASELINE STUDIES OF THE POLLUTION IN MEDITERRANEAN SEA DATA VALID AS OF 11/04/77

LEADER ORVINI E. TELEPHONE 24605-0382 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/78
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ON THE BASIS OF INTERCALIBRATION EXERCISE,TO STUDY THE ACTUAL STATUS OF POLLUTION OF MEDITERRANEAN SEA SPECIALLY FOR HEAVY METAL

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOI	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
THUNNUS THYNNUS	MERCURY-INORGA	X	X	X					X						X				X	2	1	20		76	78		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X					X						X				X	2	1	20		76	78		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	ZINC	X	X	X					X						X				X	2	1	20		76	78		X					MEDITERRANEAN SE	233
THUNNUS THYNNUS	ARSENIC	X	X	X					X						X				X	2	1	20		76	78		X					MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FAO PUBBLICATIONS

DATE 771208 INSTITUTE(H75) EGE UNIVERSITY TURKEY

FACULTY OF SCIENCE
HYDROBIOLOGICAL INSTITUTE
MITHATPASHA ST. 564
IZMIR

PROJECT(B11) - STUDIES OF THE POLLUTION IN THE IZMIR BAY & AEGEAN COASTS DATA VALID AS OF 18/02/77

LEADER DR. H. WYSAL TELEPHONE 1801102415 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 26000 US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/77	/79
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ON THE BASIS OF INTERCALIBRATED LABORATORIES TO STUDY POLLUTION LOADS OF SELECTED MONITORING HEAVY METALS & ACUTE TOXICITY TEST ON LARVAL STAGE IN MARINE ORGANISMS, IN A JOINT PROGRAMME COVERING THE WHOLE MEDITERRANEAN

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CARCINUS MEDITERRAN	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
CARCINUS MEDITERRAN	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
CARCINUS MEDITERRAN	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
CARCINUS MEDITERRAN	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
MUGIL SPP.	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
MUGIL SPP.	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
MUGIL SPP.	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
MUGIL SPP.	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
MULLUS BARBATUS	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
MULLUS BARBATUS	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
MULLUS BARBATUS	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
MULLUS BARBATUS	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
MYTILUS GALLOPROVIN	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
PALAEMON SPP.	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
PALAEMON SPP.	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
PALAEMON SPP.	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
PALAEMON SPP.	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
PARACENTROTUS LIVID	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	232
SPARUS AURATUS	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
SPARUS AURATUS	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
SPARUS AURATUS	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
SPARUS AURATUS	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	224
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
THUNNUS THYNNUS	COPPER	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
THUNNUS THYNNUS	ZINC	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225
THUNNUS THYNNUS	CADMIUM	X	X	X					X						X					5	1	4		77	79			X				MEDITERRANEAN SE	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT(B28) - IMPACT REJETS CENTRALES NUCL. PWR SUR ECOSYSTEMES EAU DOUCE DATA VALID AS OF 03/03/77

LEADER J.C.MIGHA TELEPHONE 081-229061 TELEX/CABLE B-59222

FUNDING - NATIONAL CURRENCY 1000000 US DOLLAR EQUIVALENT - 25000 STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	07/75	01/80
OPERATIONAL	01/76	01/80

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

RECHERCHER L'ACCUMULATION EVENTUELLE D'ISOTOPES RADIOACTIVES DANS LES ORGANISMES ANIMAUX EN VUE D'ETABLIR UNE EVENTUELLE SURVEILLAN CE BIOLOGIQUE DES REJETS LIQUIDES DE CENTRALES NUCLEAIRES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ABRAMIS BRAMA	CS-134		X	X		X			X			X			X					2	2	10	X	76			X					BELGIUM	212
ABRAMIS BRAMA	H-3		X	X		X			X			X			X					2	2	10	X	76			X					BELGIUM	212
ABRAMIS BRAMA	MN-54		X	X		X			X			X			X					2	2	10	X	76			X					BELGIUM	212
ABRAMIS BRAMA	TH-232		X	X		X			X			X			X					2	2	10	X	76			X					BELGIUM	212
ABRAMIS BRAMA	CS-137	X	X	X		X			X			X			X					2	2	10	X	76			X					BELGIUM	212
ABRAMIS BRAMA	CO-60	X	X	X		X			X			X			X					2	2	10	X	76			X					BELGIUM	212
ALBURNUS ALBURNUS	CS-134		X	X		X			X			X			X					2	1	50	X	76			X					BELGIUM	212
ALBURNUS ALBURNUS	H-3		X	X		X			X			X			X					2	1	50	X	76			X					BELGIUM	212
ALBURNUS ALBURNUS	MN-54		X	X		X			X			X			X					2	1	50	X	76			X					BELGIUM	212
ALBURNUS ALBURNUS	TH-232		X	X		X			X			X			X					2	1	50	X	76			X					BELGIUM	212
ALBURNUS ALBURNUS	CS-137	X	X	X		X			X			X			X					2	1	50	X	76			X					BELGIUM	212
ALBURNUS ALBURNUS	CO-60	X	X	X		X			X			X			X					2	1	50	X	76			X					BELGIUM	212
ATYAEPHYRA DESMARES	CS-134		X	X		X			X			X			X						2	100	X	76			X					BELGIUM	212
ATYAEPHYRA DESMARES	H-3		X	X		X			X			X			X						2	100	X	76			X					BELGIUM	212
ATYAEPHYRA DESMARES	MN-54		X	X		X			X			X			X						2	100	X	76			X					BELGIUM	212
ATYAEPHYRA DESMARES	TH-232		X	X		X			X			X			X						2	100	X	76			X					BELGIUM	212
ATYAEPHYRA DESMARES	CS-137	X	X	X		X			X			X			X						2	100	X	76			X					BELGIUM	212
ATYAEPHYRA DESMARES	CO-60	X	X	X		X			X			X			X						2	100	X	76			X					BELGIUM	212
BLICCA BJORKNA	CS-134		X	X		X			X			X			X					2	3	30	X	76			X					BELGIUM	212
BLICCA BJORKNA	H-3		X	X		X			X			X			X					2	3	30	X	76			X					BELGIUM	212
BLICCA BJORKNA	MN-54		X	X		X			X			X			X					2	3	30	X	76			X					BELGIUM	212
BLICCA BJORKNA	TH-232		X	X		X			X			X			X					2	3	30	X	76			X					BELGIUM	212
BLICCA BJORKNA	CS-137	X	X	X		X			X			X			X					2	3	30	X	76			X					BELGIUM	212
BLICCA BJORKNA	CO-60	X	X	X		X			X			X			X					2	3	30	X	76			X					BELGIUM	212
CHONDROSTOMA NASUS	CS-134		X	X		X			X			X			X					2	2	20	X	76			X					BELGIUM	212
CHONDROSTOMA NASUS	H-3		X	X		X			X			X			X					2	2	20	X	76			X					BELGIUM	212
CHONDROSTOMA NASUS	MN-54		X	X		X			X			X			X					2	2	20	X	76			X					BELGIUM	212
CHONDROSTOMA NASUS	TH-232		X	X		X			X			X			X					2	2	20	X	76			X					BELGIUM	212
CHONDROSTOMA NASUS	CS-137	X	X	X		X			X			X			X					2	2	20	X	76			X					BELGIUM	212
CHONDROSTOMA NASUS	CO-60	X	X	X		X			X			X			X					2	2	20	X	76			X					BELGIUM	212
DREISSENA POLYMORPH	CS-134		X	X		X															4	200	X	76			X					BELGIUM	212
DREISSENA POLYMORPH	H-3		X	X		X															4	200	X	76			X					BELGIUM	212
DREISSENA POLYMORPH	MN-54		X	X		X															4	200	X	76			X					BELGIUM	212
DREISSENA POLYMORPH	TH-232		X	X		X															4	200	X	76			X					BELGIUM	212
DREISSENA POLYMORPH	CS-137	X	X	X		X															4	200	X	76			X					BELGIUM	212
DREISSENA POLYMORPH	CO-60	X	X	X		X															4	200	X	76			X					BELGIUM	212
ESOX LUCIUS	CS-134		X	X		X			X			X			X					2	1	2	X	76			X					BELGIUM	212
ESOX LUCIUS	H-3		X	X		X			X			X			X					2	1	2	X	76			X					BELGIUM	212
ESOX LUCIUS	MN-54		X	X		X			X			X			X					2	1	2	X	76			X					BELGIUM	212
ESOX LUCIUS	TH-232		X	X		X			X			X			X					2	1	2	X	76			X					BELGIUM	212
ESOX LUCIUS	CS-137	X	X	X		X			X			X			X					2	1	2	X	76			X					BELGIUM	212
ESOX LUCIUS	CO-60	X	X	X		X			X			X			X					2	1	2	X	76			X					BELGIUM	212
GOBIO GOBIC	CS-134		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
GOBIO GOBIO	H-3		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
GOBIO GOBIO	MN-54		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
GOBIO GOBIO	TH-232		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
GOBIO GOBIO	CS-137	X	X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
GOBIO GOBIO	CO-60	X	X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
LEUCISCUS CEPHALUS	CS-134		X	X		X			X			X			X					2	6	240	X	76			X					BELGIUM	212
LEUCISCUS CEPHALUS	H-3		X	X		X			X			X			X					2	6	240	X	76			X					BELGIUM	212
LEUCISCUS CEPHALUS	MN-54		X	X		X			X			X			X					2	6	240	X	76			X					BELGIUM	212
LEUCISCUS CEPHALUS	TH-232		X	X		X			X			X			X					2	6	240	X	76			X					BELGIUM	212
LEUCISCUS CEPHALUS	CS-137	X	X	X		X			X			X			X					2	6	240	X	76			X					BELGIUM	212
LEUCISCUS CEPHALUS	CO-60	X	X	X		X			X			X			X					2	6	240	X	76			X					BELGIUM	212
LEUCISCUS LEUCISCUS	CS-134		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
LEUCISCUS LEUCISCUS	H-3		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
LEUCISCUS LEUCISCUS	MN-54		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
LEUCISCUS LEUCISCUS	TH-232		X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
LEUCISCUS LEUCISCUS	CS-137	X	X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
LEUCISCUS LEUCISCUS	CO-60	X	X	X		X			X			X			X					2	1	20	X	76			X					BELGIUM	212
PERCA FLUVIATILIS	CS-134		X	X		X			X			X			X					2	6	120	X	76			X					BELGIUM	212
PERCA FLUVIATILIS	H-3		X	X		X			X			X			X					2	6	120	X	76			X					BELGIUM	212
PERCA FLUVIATILIS	MN-54		X	X		X			X			X			X					2	6	120	X	76			X					BELGIUM	212

DATE 771208 INSTITUTE(H83) UNIVERSITE NOTRE-DAME DE LA PAIX BELGIUM
LABORATOIRE D'ECOLOGIE
RUE DE BRUXELLES, 61, 5000 NAMUR

PROJECT(B28) - IMPACT REJETS CENTRALES NUCL. PWR SUR ECOSYSTEMES EAU DOUCE DATA VALID AS OF 03/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	STMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PERCA FLUVIATILIS	TH-232		X	X		X			X			X			X					2	6	120	X	76			X					BELGIUM	212
PERCA FLUVIATILIS	CS-137	X	X	X		X			X			X			X					2	6	120	X	76			X					BELGIUM	212
PERCA FLUVIATILIS	CO-60	X	X	X		X			X			X			X					2	6	120	X	76			X					BELGIUM	212
RUTILUS RUTILUS	CS-134		X	X		X			X			X			X					2	6	360	X	76			X					BELGIUM	212
RUTILUS RUTILUS	H-3		X	X		X			X			X			X					2	6	360	X	76			X					BELGIUM	212
RUTILUS RUTILUS	MN-54		X	X		X			X			X			X					2	6	360	X	76			X					BELGIUM	212
RUTILUS RUTILUS	TH-232		X	X		X			X			X			X					2	6	360	X	76			X					BELGIUM	212
RUTILUS RUTILUS	CS-137	X	X	X		X			X			X			X					2	6	360	X	76			X					BELGIUM	212
RUTILUS RUTILUS	CO-60	X	X	X		X			X			X			X					2	6	360	X	76			X					BELGIUM	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RAPPORT D'AVANCEMENT GROUPE G.E.N./MINISTERE SANTE PUBLIQUE

DATE 771208 INSTITUTE(H89) LABORATOIRE CANTONAL DE CHIMIE SWITZERLAND
CASE POSTALE 109
QUAI ERNEST-ANSERMENT 22
1211 GENEVE

PROJECT(B07) - METAUX LOURDS DANS LES POISSONS DU LAC LEMAN DATA VALID AS OF 04/03/77

LEADER J.VOGEL TELEPHONE 022-287511 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 8000 US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	01/70	12/71
OPERATIONAL	01/72	CONTINUING

PURPOSE OF PROJECT

ETUDE DE LA CONTAMINATION DES POISSONS DU LAC PAR LES METAUX LOURDS ET SON EVOLUTION DURANT LES TRAVAUX D'ASSAIRUISSEMENTS ENTREPIS PAR LES PAYS LIMITROPHES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ESOX LUCIUS	MERCURY-ORGANI	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
ESOX LUCIUS	MERCURY-TOTAL	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
ESOX LUCIUS	CADMIUM	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
ESOX LUCIUS	LEAD	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
LOTA LOTA	MERCURY-ORGANI	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
LOTA LOTA	MERCURY-TOTAL	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
LOTA LOTA	CADMIUM	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
LOTA LOTA	LEAD	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
PERCA FLUVIATILIS	MERCURY-ORGANI	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
PERCA FLUVIATILIS	CADMIUM	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
PERCA FLUVIATILIS	LEAD	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
RUTILUS RUTILUS	MERCURY-ORGANI	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
RUTILUS RUTILUS	MERCURY-TOTAL	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
RUTILUS RUTILUS	CADMIUM	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
RUTILUS RUTILUS	LEAD	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
SALMO LACUSTRIS	MERCURY-ORGANI	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
SALMO LACUSTRIS	MERCURY-TOTAL	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
SALMO LACUSTRIS	CADMIUM	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211
SALMO LACUSTRIS	LEAD	X	X	X					X							X			X	3	5	40		72				X				SWITZERLAND	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RAPPORT ANNUEL DE LA COMMISSION INTERNATIONALE

DATE 771208 INSTITUTE(H96) COMMISSION INTERNATIONALE POUR LA PROTECTION DES EAUX DU LAC LEMAN CONTRE LA POLLUTION AV. DE CHAILLY 23, 1012 LAUSANNE SWITZERLAND

PROJECT(C38) - ETUDE SUR L'EVOLUTION DE LA POLLUTION DES EAUX DU LAC LEMAN DATA VALID AS OF 14/05/77

LEADER BERNER C. TELEPHONE 021-331414 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 1200000 US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/57	/
OPERATIONAL	/57	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ETUDE DE L'EVOLUTION DE LA POLLUTION PAR DES MESURES PHYSIQUES, CHIMIQUES, BIOLOGIQUES, MICROBIOLOGIQUES DES EAUX DU LAC, DE SES AFFLUENTS, DE SON EFFLUENT DES EAUX DES REJETS DES STATIONS D'EPURATION DE LA FAUNE PISCICOLE, DES PRECIPITATIONS ATMOSPHERIQ.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CENTROPOMUS SPP.	BHC-ALPHA	X					X		X						X				X			7			75		X	X				SWITZERLAND	211
CENTROPOMUS SPP.	MERCURY-TOTAL	X					X		X						X				X			7			75		X	X				SWITZERLAND	211
CENTROPOMUS SPP.	CADMIUM	X					X		X						X				X			7			75		X	X				SWITZERLAND	211
CENTROPOMUS SPP.	LEAD	X					X		X						X				X			7			75		X	X				SWITZERLAND	211
CENTROPOMUS SPP.	BHC-ALPHA	X					X		X						X				X			7			75		X	X				SWITZERLAND	212
CENTROPOMUS SPP.	MERCURY-TOTAL	X					X		X						X				X			7			75		X	X				SWITZERLAND	212
CENTROPOMUS SPP.	CADMIUM	X					X		X						X				X			7			75		X	X				SWITZERLAND	212
CENTROPOMUS SPP.	LEAD	X					X		X						X				X			7			75		X	X				SWITZERLAND	212
COREGONUS SPP.	BHC-ALPHA	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
COREGONUS SPP.	MERCURY-TOTAL	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
COREGONUS SPP.	CADMIUM	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
COREGONUS SPP.	LEAD	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
COREGONUS SPP.	BHC-ALPHA	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
COREGONUS SPP.	MERCURY-TOTAL	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
COREGONUS SPP.	CADMIUM	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
COREGONUS SPP.	LEAD	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
LOTA LOTA	BHC-ALPHA	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	BHC-ALPHA	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	MERCURY-TOTAL	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	MERCURY-TOTAL	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	CADMIUM	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	CADMIUM	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	LEAD	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
LOTA LOTA	LEAD	X					X		X						X				X			119		75			X	X				SWITZERLAND	211
PERCOIDEI	BHC-ALPHA	X					X		X						X				X			525			75		X	X				SWITZERLAND	211
PERCOIDEI	MERCURY-TOTAL	X					X		X						X				X			525			75		X	X				SWITZERLAND	211
PERCOIDEI	CADMIUM	X					X		X						X				X			525			75		X	X				SWITZERLAND	211
PERCOIDEI	LEAD	X					X		X						X				X			525			75		X	X				SWITZERLAND	211
PERCOIDEI	BHC-ALPHA	X					X		X						X				X			525			75		X	X				SWITZERLAND	212
PERCOIDEI	MERCURY-TOTAL	X					X		X						X				X			525			75		X	X				SWITZERLAND	212
PERCOIDEI	CADMIUM	X					X		X						X				X			525			75		X	X				SWITZERLAND	212
PERCOIDEI	LEAD	X					X		X						X				X			525			75		X	X				SWITZERLAND	212
RUTILUS SPP.	BHC-ALPHA	X					X		X						X				X			244			75		X	X				SWITZERLAND	211
RUTILUS SPP.	MERCURY-TOTAL	X					X		X						X				X			244			75		X	X				SWITZERLAND	211
RUTILUS SPP.	CADMIUM	X					X		X						X				X			244			75		X	X				SWITZERLAND	211
RUTILUS SPP.	LEAD	X					X		X						X				X			244			75		X	X				SWITZERLAND	211
RUTILUS SPP.	BHC-ALPHA	X					X		X						X				X			244			75		X	X				SWITZERLAND	212
RUTILUS SPP.	MERCURY-TOTAL	X					X		X						X				X			244			75		X	X				SWITZERLAND	212
RUTILUS SPP.	CADMIUM	X					X		X						X				X			244			75		X	X				SWITZERLAND	212
RUTILUS SPP.	LEAD	X					X		X						X				X			244			75		X	X				SWITZERLAND	212
SALMO SPP.	BHC-ALPHA	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
SALMO SPP.	MERCURY-TOTAL	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
SALMO SPP.	CADMIUM	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
SALMO SPP.	LEAD	X					X		X						X				X			20			75		X	X				SWITZERLAND	211
SALMO SPP.	BHC-ALPHA	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
SALMO SPP.	MERCURY-TOTAL	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
SALMO SPP.	CADMIUM	X					X		X						X				X			20			75		X	X				SWITZERLAND	212
SALMO SPP.	LEAD	X					X		X						X				X			20			75		X	X				SWITZERLAND	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RAPP.ANN.DE LA SOUS-COMM.TECH.SUR ETUD.&RECH.DANS LEMANIQUE

DATE 771208 INSTITUTE(J08) UNIVERSITY OF KERALA INDIA
DEPARTMENT OF AQUATIC BIOLOGY & FISHERIES
AQUARIUM, TRIVANDRUM-7, KERALA STATE

PROJECT(D29) - RETTING EFFECTS OF COCONUT HUSKS ON THE ECOLOGY DATA VALID AS OF 20/08/77

LEADER BALAKRISHNAN N.N. TELEPHONE 2284 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 5000 STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATIONAL	/	CONTINUING

SUB-PROGRAMME OF INTERN.SCIENCE FOUNDATION

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO IDENTIFY THE POLLUTION PRODUCED DURING THE PROCESS OF RETTING OF COCONUT HUSK & THEIR PROBABLE EFFECT ON THE ECOLOGY & FISHERIES OF BACKWATERS OF KERALA STATE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NCT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
ARIUS THALASSINUS	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
ARIUS THALASSINUS	PECTIN		X	X								X			X				X		24		X									INDIA	221
ARIUS THALASSINUS	TANIN		X	X								X			X				X		24		X									INDIA	221
ARIUS THALASSINUS	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
CARANX MALABARICUS	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
CARANX MALABARICUS	PECTIN		X	X								X			X				X		24		X									INDIA	221
CARANX MALABARICUS	TANIN		X	X								X			X				X		24		X									INDIA	221
CARANX MALABARICUS	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
CRABS-MARINE N.E.I.	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
CRABS-MARINE N.E.I.	PECTIN		X	X								X			X				X		24		X									INDIA	221
CRABS-MARINE N.E.I.	TANIN		X	X								X			X				X		24		X									INDIA	221
CRABS-MARINE N.E.I.	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
ETROPLUS SURATENSIS	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
ETROPLUS SURATENSIS	PECTIN		X	X								X			X				X		24		X									INDIA	221
ETROPLUS SURATENSIS	TANIN		X	X								X			X				X		24		X									INDIA	221
ETROPLUS SURATENSIS	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
GLOSSOBOGIUS GIURIS	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
GLOSSOBOGIUS GIURIS	PECTIN		X	X								X			X				X		24		X									INDIA	221
GLOSSOBOGIUS GIURIS	TANIN		X	X								X			X				X		24		X									INDIA	221
GLOSSOBOGIUS GIURIS	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
MUGIL CEPHALUS	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
MUGIL CEPHALUS	PECTIN		X	X								X			X				X		24		X									INDIA	221
MUGIL CEPHALUS	TANIN		X	X								X			X				X		24		X									INDIA	221
MUGIL CEPHALUS	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
PUNTIUS SARANA	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
PUNTIUS SARANA	PECTIN		X	X								X			X				X		24		X									INDIA	221
PUNTIUS SARANA	TANIN		X	X								X			X				X		24		X									INDIA	221
PUNTIUS SARANA	PENTOSAN		X	X								X			X				X		24		X									INDIA	221
SHRIMPS AND PRAWNS	HYDROGEN SULPH		X	X								X			X				X		24		X									INDIA	221
SHRIMPS AND PRAWNS	PECTIN		X	X								X			X				X		24		X									INDIA	221
SHRIMPS AND PRAWNS	TANIN		X	X								X			X				X		24		X									INDIA	221
SHRIMPS AND PRAWNS	PENTOSAN		X	X								X			X				X		24		X									INDIA	221

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

AQUATIC BIOLOGY

DATE 771208 INSTITUTE(J26) NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD SWEDEN

SECTION FOR COASTAL INVESTIGATIONS
P.O.BOX 584
S-74071 OREGRUND

PROJECT(C06) - MERCURY & CHLORINED ALIPHATIC HYDROCARBON IN FISH DATA VALID AS OF 28/02/77

LEADER NEUMAN E. TELEPHONE 0173-30762 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/76
OPERATIONAL	/72	/76

PURPOSE OF PROJECT

CONTROL OF THE EFFECTS OF INDUSTRIAL OUTLETS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTHING	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCIAL	AQUACULTURE	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	HALOGENATED AL	X	X	X					X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
ANGUILLA ANGUILLA	MERCURY-TOTAL	X	X	X					X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
GADUS MORHUA	HALOGENATED AL	X	X	X					X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
GADUS MORHUA	MERCURY-TOTAL	X	X	X					X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
MYTILUS EDULIS	HALOGENATED AL	X	X						X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
MYTILUS EDULIS	MERCURY-TOTAL	X	X						X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
PLEURONECTES PLATES	HALOGENATED AL	X	X	X					X						X					2	2			72	76			X				NORTH SEA(INCL.S	225
PLEURONECTES PLATES	MERCURY-TOTAL	X	X	X					X						X					2	2			72	76			X				NORTH SEA(INCL.S	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(J46) ATKINS RESEARCH-DEVELOPMENT
WOODCOTE GROVE, ASHLEY ROAD
EPSOM, SURREY
UNITED KINGDOM

PROJECT(B25) - STUDY FOR SEA OUTFALL AT REDCAR, TEESIDE DATA VALID AS OF 15/03/77

LEADER DR.C.P.REES TELEPHONE EPSOM26140 TELEX/CABLE 2-3497

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	07/76	10/76
OPERATIONAL	10/76	01/77

PURPOSE OF PROJECT

TO ASSESS THE POSSIBLE ENVIRONMENTAL EFFECTS OF A COOLING WATER OUTFALL LOCATED OFFSHORE, AND ITS POTENTIAL IMPACT ON LOCAL FISHING INTERESTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD (FROZEN)	SAMPLE ORIGIN (FIELD)	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI WATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
FUCUS VESICULOSUS	COPPER			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	ZINC			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	CHROMIUM			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	CADMIUM			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	NICKEL			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	IRON			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	MANGANESE			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	COBALT			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	LEAD			X	X		4	1	16	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	COPPER			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	ZINC			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	CHROMIUM			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	CADMIUM			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	NICKEL			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	IRON			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	MANGANESE			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	COBALT			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
LITTORINA LITTOREA	LEAD			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	COPPER			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	ZINC			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	CHROMIUM			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	CADMIUM			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	NICKEL			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	IRON			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	MANGANESE			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	COBALT			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	LEAD			X	X		3	1	12	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	COPPER			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	ZINC			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	CHROMIUM			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	CADMIUM			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	NICKEL			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	IRON			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	MANGANESE			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	COBALT			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232
NUCELLA LAPILLUS	LEAD			X	X		2	1	8	X	76	76		X	X		NORTH SEA(INCL.S	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(J46) ATKINS RESEARCH-DEVELOPMENT UNITED KINGDOM
WOODCOTE GROVE, ASHLEY ROAD
EPSOM, SURREY

PROJECT(826) - ASSESSMENT OF THE POLLUTION OF CORNISH COASTAL WATERS DATA VALID AS OF 15/03/77

LEADER BRADFIELD,KINGSBURY,REES TELEPHONE EPSOM26140 TELEX/CABLE 2-3497

FUNDING - NATIONAL CURRENCY 5000 US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	01/74	06/74
OPERATIONAL	07/74	12/75

PURPOSE OF PROJECT

TO ESTABLISH BASELINE VALUES, IN FIVE AREAS AROUND THE CORNWALL COAST, WHICH COULD THEN BE USED TO ASSESS THE IMPACT OF FUTURE POLL UTION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORML	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FUCUS VESICULOSUS	COPPER								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232
FUCUS VESICULOSUS	ZINC								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232
FUCUS VESICULOSUS	CADMIUM								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232
FUCUS VESICULOSUS	NICKEL								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232
FUCUS VESICULOSUS	IRON								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232
FUCUS VESICULOSUS	MANGANESE								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232
FUCUS VESICULOSUS	LEAD								X						X					16	1	60	X	74	74		X	X				ENGLISH CHANNEL	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE POLLUTION BULLETIN, VOL.7, N.10, OCTOBER 1976 ETC.

DATE 771208 INSTITUTE(J46) ATKINS RESEARCH-DEVELOPMENT
WOODCOTE GROVE,ASHLEY ROAD
EPSOM,SURREY
UNITED KINGDOM

PROJECT(B43) - FISHERIES ECOLOGY & MANAGEMENT OF NEVINJTOWN MINE DATA VALID AS OF 29/03/77

LEADER T.MURPHY,R.COLLINSON TELEPHONE EPSOM26140 TELEX/CABLE 2-3497

FUNDING - NATIONAL CURRENCY 15000 US DOLLAR EQUIVALENT - 30000 STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/78
OPERATIONAL	/78	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ENSURE THAT POLLUTION EFFECTS OF THE LEAD & ZINC MINE, ARE MINIMIZED, ALSO TO ADVISE ON FUTURE FISHERIES MANAGEMENT IN A DIVERTED RIVER (AROUND THE MINE)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE.	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ESOX LUCIUS	COPPER	X	X	X	X	X			X											2	1	5	X	75			X					IRELAND	212
ESOX LUCIUS	ZINC	X	X	X	X	X			X											2	1	5	X	75			X					IRELAND	212
ESOX LUCIUS	IRON	X	X	X	X	X			X											2	1	5	X	75			X					IRELAND	212
ESOX LUCIUS	LEAD	X	X	X	X	X			X											2	1	5	X	75			X					IRELAND	212
SALMO SALAR	COPPER	X	X	X	X	X			X						X				X	2	1	5	X	75			X					IRELAND	212
SALMO SALAR	ZINC	X	X	X	X	X			X						X				X	2	1	5	X	75			X					IRELAND	212
SALMO SALAR	IRON	X	X	X	X	X			X						X				X	2	1	5	X	75			X					IRELAND	212
SALMO SALAR	LEAD	X	X	X	X	X			X						X				X	2	1	5	X	75			X					IRELAND	212
SALMO TRUTTA	COPPER	X	X	X	X	X			X						X				X	5	2	15	X	75			X					IRELAND	212
SALMO TRUTTA	ZINC	X	X	X	X	X			X						X				X	5	2	15	X	75			X					IRELAND	212
SALMO TRUTTA	IRON	X	X	X	X	X			X						X				X	5	2	15	X	75			X					IRELAND	212
SALMO TRUTTA	LEAD	X	X	X	X	X			X						X				X	5	2	15	X	75			X					IRELAND	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(J70) UNIVERSITA DEGLI STUDI DI TRIESTE ITALY
ISTITUTO DI GEOLOGIA E PALEONTOLOGIA
VIA A.VALERIO,32
34100 TRIESTE

PROJECT(C83) - EFFETS DE POLLUTION SUR POPULATION PELAGIQUE & BENTHIQUE DATA VALID AS OF 10/07/77

LEADER GHIRARDELLI E. TELEPHONE 55434 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 2000000 US DOLLAR EQUIVALENT - STAFF OF 5

PROJECT STATUS START DATE END DATE
PLANNING /65 /
OPERATIONAL /65 CONTINUING

SUB-PROGRAMME OF CNR

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

LE TRAVAIL REGARDE LA POLLUTION DANS LES AIRES PORTUAIRES ET LE LONG DE LA COTE DU GOLFE DE TRIESTE. LES POPULATIONS PELAGIQUES ET BENTHIQUES SONT L'OBJET DE CES RECHERCHES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	IN HSE	PUBLSH	BIOASSAYS TOXCTY	FDCHNY	OTHBIO	GEOGRAPHIC AREA	WAT COD
ENGRAULIS ENCRASICO	OIL(BY INFRARE								X												4	32		76	77		X				X	ITALY	232
ENGRAULIS ENCRASICO	MERCURY-ORGANI								X												4	32		76	77		X				X	ITALY	232
ENGRAULIS ENCRASICO	CADMIUM								X												4	32		76	77		X				X	ITALY	232
ENGRAULIS ENCRASICO	LEAD								X												4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	OIL(BY INFRARE								X												4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	MERCURY-ORGANI								X												4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	CADMIUM								X												4	32		76	77		X				X	ITALY	232
MULLUS BARBATUS	LEAD								X												4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	OIL(BY INFRARE								X												4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	MERCURY-ORGANI								X												4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	CADMIUM								X												4	32		76	77		X				X	ITALY	232
MYTILUS GALLOPROVIN	LEAD								X												4	32		76	77		X				X	ITALY	232
NEPHROPS NORVEGICUS	OIL(BY INFRARE								X												4	32		76	77		X				X	ITALY	233
NEPHROPS NORVEGICUS	MERCURY-ORGANI								X												4	32		76	77		X				X	ITALY	233
NEPHROPS NORVEGICUS	CADMIUM								X												4	32		76	77		X				X	ITALY	233
NEPHROPS NORVEGICUS	LEAD								X												4	32		76	77		X				X	ITALY	233
THUNNUS THYNNUS	OIL(BY INFRARE								X												4	32		76	77		X				X	ITALY	232
THUNNUS THYNNUS	MERCURY-ORGANI								X												4	32		76	77		X				X	ITALY	232
THUNNUS THYNNUS	CADMIUM								X												4	32		76	77		X				X	ITALY	232
THUNNUS THYNNUS	LEAD								X												4	32		76	77		X				X	ITALY	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CNR RAPPORTS ETC.

UNIVERSITE DE LILLE
INSTITUT DE BIOLOGIE MARITIME
BP 41
62930 WIMEREUX
FRANCE

PROJECT(C32) - POLLUTIONS LITTORALES METALLIQUES MANCHE/MER DU NORD DATA VALID AS OF 20/04/77

LEADER RICHARD A. TELEPHONE 20-324114 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/76
OPERATIONAL	/75	/75

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

INCIDENCES DES REJETS METALLIQUES (INDUSTRIES, URBAINS) SUR LES BIOCOENOSES LITTORALES. PARTICIPATION OU CAUSES DES MALADIES DES POISSONS DU LITTORAL CALAIS-DUNKERQUE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ABRA ALBA	TITANIUM	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	MERCURY-INORGA	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	MERCURY-ORGANI	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	MERCURY-TOTAL	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	COPPER	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	ZINC	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	CHROMIUM	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	CADMIUM	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	ARSENIC	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	LEAD	X										X			X					2	2		X	75	76		X	X		X		NORTH SEA(INCL.S	232
ABRA ALBA	TITANIUM	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	MERCURY-INORGA	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	MERCURY-ORGANI	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	MERCURY-TOTAL	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	COPPER	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	ZINC	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	CHROMIUM	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	CADMIUM	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	ARSENIC	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ABRA ALBA	LEAD	X										X			X					2	2		X	75	76		X	X		X		ENGLISH CHANNEL	232
ARENICOLA SPP.	MERCURY-INORGA	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	MERCURY-ORGANI	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	MERCURY-TOTAL	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	COPPER	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	ZINC	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	CHROMIUM	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	CADMIUM	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	ARSENIC	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
ARENICOLA SPP.	LEAD	X										X			X					3	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	MERCURY-INORGA	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	MERCURY-ORGANI	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	MERCURY-TOTAL	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	COPPER	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	ZINC	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	CHROMIUM	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	CADMIUM	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	ARSENIC	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CARCINUS MAENAS	LEAD	X	X									X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
CRANGON CRANGON	TITANIUM	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	MERCURY-INORGA	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	MERCURY-ORGANI	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	MERCURY-TOTAL	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	COPPER	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	ZINC	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	CHROMIUM	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	CADMIUM	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	ARSENIC	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	LEAD	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	DISEASES	X	X						X			X			X				X	5	1		X	75	76		X	X				NORTH SEA(INCL.S	232
CRANGON CRANGON	TITANIUM	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	MERCURY-INORGA	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	MERCURY-ORGANI	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	MERCURY-TOTAL	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	COPPER	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	ZINC	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	CHROMIUM	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	CADMIUM	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	ARSENIC	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	LEAD	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
CRANGON CRANGON	DISEASES	X	X						X			X			X				X	5	1		X	75	76		X	X				ENGLISH CHANNEL	232
GADUS MORHUA	MERCURY-INORGA	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	MERCURY-ORGANI	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	MERCURY-TOTAL	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232

DATE 771208 INSTITUTE(J87) UNIVERSITE DE LILLE FRANCE
INSTITUT DE BIOLOGIE MARITIME
BP 41
62930 WIMEREUX

PROJECT(C32) - POLLUTIONS LITTORALES METALLIQUES MANCHE/MER DU NORD DATA VALID AS OF 20/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NOTHING	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCIAL	AQUACULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FOODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	COPPER	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	ZINC	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	CHROMIUM	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	CADMIUM	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	ARSENIC	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	LEAD	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	DISEASES	X	X						X			X			X	X			X	2	2		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	MERCURY-INORGA	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	MERCURY-ORGANI	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	MERCURY-TOTAL	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	COPPER	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	ZINC	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	CHROMIUM	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	CADMIUM	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	ARSENIC	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	LEAD	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	DISEASES	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-INORGA	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-ORGANI	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-TOTAL	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	COPPER	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	ZINC	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	CHROMIUM	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	CADMIUM	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	ARSENIC	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	LEAD	X										X			X					2	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	MERCURY-INORGA	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	MERCURY-ORGANI	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	MERCURY-TOTAL	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	COPPER	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	ZINC	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	CHROMIUM	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	CADMIUM	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	ARSENIC	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
OPHIURA ALBIDA	LEAD	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	MERCURY-INORGA	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	MERCURY-ORGANI	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	MERCURY-TOTAL	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	COPPER	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	ZINC	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	CHROMIUM	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	CADMIUM	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	ARSENIC	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PAGURUS BERNHARDUS	LEAD	X										X			X					1	1		X	75	76		X					NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	MERCURY-INORGA	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	MERCURY-ORGANI	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	MERCURY-TOTAL	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	COPPER	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	ZINC	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	CHROMIUM	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	CADMIUM	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	ARSENIC	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	LEAD	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLATICHTHYS FLESUS	DISEASES	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-INORGA	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-ORGANI	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-TOTAL	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	COPPER	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	ZINC	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	CHROMIUM	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	CADMIUM	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	ARSENIC	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	LEAD	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	DISEASES	X	X						X			X			X	X			X	2	6		X	75	76		X	X				NORTH SEA(INCL.S	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

HALIOTIS-REV.INT.OCEAN.MED.-C.R.ACAD.SCI.PARIS

DATE 771208 INSTITUTE(J97)

UNIVERSITA DI MODENA
ISTITUTO DI ZOOLOGIA
VIA DELL'UNIVERSITA 4
47100 MODENA

ITALY

PROJECT(C59) - ECOLOGY OF LAGOON AND COASTAL WATER

DATA VALID AS OF 12/05/77

LEADER COGNETTI G. TELEPHONE 059-225067 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 30000000 US DOLLAR EQUIVALENT - 35000 STAFF OF 9

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/
OPERATIONAL	/76	CONTINUING

SUB-PROGRAMME OF C.N.R.

PURPOSE OF PROJECT

STUDY OF BIOLOGICAL, CHEMICAL AND PHYSICAL CONDITIONS OF FISHERY ALONG THE TUSCANIAN COASTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CONGER CONGER	MERCURY-TOTAL		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
CONGER CONGER	COPPER		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
CONGER CONGER	ZINC		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
CONGER CONGER	CADMIUM		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
CONGER CONGER	LEAD		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
DONAX TRUNCULUS	MERCURY-TOTAL														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
DONAX TRUNCULUS	COPPER														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
DONAX TRUNCULUS	ZINC														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
DONAX TRUNCULUS	CADMIUM														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
DONAX TRUNCULUS	LEAD														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
ELEDONE MOSCHATA	MERCURY-TOTAL			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
ELEDONE MOSCHATA	COPPER			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
ELEDONE MOSCHATA	ZINC			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
ELEDONE MOSCHATA	CADMIUM			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
ELEDONE MOSCHATA	LEAD			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
GOBIIDAE	MERCURY-TOTAL			X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
GOBIIDAE	COPPER			X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
GOBIIDAE	ZINC			X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
GOBIIDAE	CADMIUM			X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
GOBIIDAE	LEAD			X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
LOLIGO VULGARIS	MERCURY-TOTAL			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
LOLIGO VULGARIS	COPPER			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
LOLIGO VULGARIS	ZINC			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
LOLIGO VULGARIS	CADMIUM			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
LOLIGO VULGARIS	LEAD			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
MUGILIDAE	MERCURY-TOTAL		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
MUGILIDAE	COPPER		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
MUGILIDAE	ZINC		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
MUGILIDAE	CADMIUM		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
MUGILIDAE	LEAD		X	X					X						X				X	5	2	10		76	78		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL														X				X	2	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COPPER														X				X	2	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC														X				X	2	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM														X				X	2	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD														X				X	2	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
OCTOPUS VULGARIS	MERCURY-TOTAL			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
OCTOPUS VULGARIS	COPPER			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
OCTOPUS VULGARIS	ZINC			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
OCTOPUS VULGARIS	CADMIUM			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
OCTOPUS VULGARIS	LEAD			X											X				X	1	2	10		76	78		X	X				MEDITERRANEAN SE	232
PATELLA COERULEA	MERCURY-TOTAL														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
PATELLA COERULEA	COPPER														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
PATELLA COERULEA	ZINC														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
PATELLA COERULEA	CADMIUM														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
PATELLA COERULEA	LEAD														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
SEPIA OFFICINALIS	MERCURY-TOTAL			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
SEPIA OFFICINALIS	COPPER			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
SEPIA OFFICINALIS	ZINC			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
SEPIA OFFICINALIS	CADMIUM			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
SEPIA OFFICINALIS	LEAD			X											X				X	3	2	10		76	78		X	X				MEDITERRANEAN SE	232
SOLEN SPP.	MERCURY-TOTAL														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
SOLEN SPP.	COPPER														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
SOLEN SPP.	ZINC														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
SOLEN SPP.	CADMIUM														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232
SOLEN SPP.	LEAD														X				X	1	2	10	X	76	78		X	X				MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ATTI ACC.NAZ.LINCEI,RENDICONTI-CAM.BIOL.MAR.-QUADERNI W.W.F.ETC.

DATE 771208 INSTITUTE(K24) ACADEMY OF AGRICULTURE POLAND

FACULTY OF SEA FISHERIES AND FOOD TECHNOLOGY
INSTITUTE OF MARINE FOOD TECHNOLOGY
DEPARTMENT OF FISH INDUSTRY HYGIENE
UL.KAZIMIERZA KROLEWICZA 3,PAW.C
71-550 SZCZECIN

PROJECT(C22) - STUDIES ON POLLUTION OF FISH & FISH PRODUCTS DATA VALID AS OF 06/04/77

LEADER CHODYNIECKI,KURPIOS ETC. TELEPHONE 231061 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 300000 US DOLLAR EQUIVALENT - STAFF OF 10

PROJECT STATUS START DATE END DATE
PLANNING /73 /
OPERATIONAL /77 CONTINUING

PURPOSE OF PROJECT

REALIZE PROOF MANY YEARS OF CONTAMINANTS CONTENT IN FISH OF THE SEA & FRESHWATER & ALSO IN FISHING PRODUCTS. OBJECT RESEARCH IS CONSTANT CONTROL OF CONTAMINANTS LEVEL IN RAW & ARTICLES OF FOOD, WHICH ARE WATER'S SOURCES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	BHC-GAMMA	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
ANGUILLA ANGUILLA	DDE-PP	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
ANGUILLA ANGUILLA	TDE-PP	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
ANGUILLA ANGUILLA	DDT-PP	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
ANGUILLA ANGUILLA	DDT-TOTAL	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
ANGUILLA ANGUILLA	MERCURY-TOTAL	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
CLUPEA HARENGUS	BHC-GAMMA	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	DDE-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	TDE-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	DDT-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	DDT-TOTAL	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	MERCURY-TOTAL	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	COPPER	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	ZINC	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	CADMIUM	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
CLUPEA HARENGUS	LEAD	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
ESOX LUCIUS	MERCURY-TOTAL	X		X	X				X							X			X		2	40		73	76			X				POLAND	211
ESOX LUCIUS	MERCURY-TOTAL	X		X	X				X							X			X		2	40		73	76			X				POLAND	212
GADUS MORHUA	BHC-GAMMA	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	DDE-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	TDE-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	DDT-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	DDT-TOTAL	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	MERCURY-TOTAL	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	COPPER	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	ZINC	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	CADMIUM	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
GADUS MORHUA	LEAD	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	233
LUCIOPERCA LUCIOPER	BHC-GAMMA	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
LUCIOPERCA LUCIOPER	DDE-PP	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
LUCIOPERCA LUCIOPER	TDE-PP	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
LUCIOPERCA LUCIOPER	DDT-PP	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
LUCIOPERCA LUCIOPER	DDT-TOTAL	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
LUCIOPERCA LUCIOPER	MERCURY-TOTAL	X		X					X							X			X		4	100		73	76		X	X				POLAND	223
PLATICHTHYS FLESUS	BHC-GAMMA	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	DDE-PP	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	TDE-PP	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	DDT-PP	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	DDT-TOTAL	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	MERCURY-TOTAL	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	COPPER	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	ZINC .	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	CADMIUM	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	LEAD	X		X					X							X			X		4	100		73			X	X					233
PLATICHTHYS FLESUS	BHC-GAMMA	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	DDE-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	TDE-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	DDT-PP	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	DDT-TOTAL	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	MERCURY-TOTAL	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	COPPER	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	ZINC	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	CADMIUM	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
PLATICHTHYS FLESUS	LEAD	X		X					X							X			X		4	100		73			X	X				BALTIC SEA(INCL.	232
SPRATTUS SPRATTUS	BHC-GAMMA	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	DDE-PP	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	TDE-PP	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	DDT-PP	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	DDT-TOTAL	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	MERCURY-TOTAL	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	COPPER	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	ZINC	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233

DATE 771208 INSTITUTE(K24) ACADEMY OF AGRICULTURE POLAND

FACULTY OF SEA FISHERIES AND FOOD TECHNOLOGY
INSTITUTE OF MARINE FOOD TECHNOLOGY
DEPARTMENT OF FISH INDUSTRY HYGIENE
UL.KAZIMIERZA KROLEWICZA 3,PAW.C
71-550 SZCZECIN

PROJECT(C22) - STUDIES ON POLLUTION OF FISH & FISH PRODUCTS DATA VALID AS OF 06/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SPRATTUS SPRATTUS	CADMIUM	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
SPRATTUS SPRATTUS	LEAD	X		X					X							X			X		2	50		73			X	X				BALTIC SEA(INCL.	233
TRACHURUS TRACHURUS	MERCURY-TOTAL	X		X					X							X			X		1	100		73	73			X				GULF OF GUINEA	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ACTA ICHTHYOLOGICA&PISCATORIA-ZESZ.NAUKOWE AR W SZCZECINIE ETC.

DATE 771208 INSTITUTE(K35) DIVISION OF FISH AND WILDLIFE CANADA
ONTARIO MINISTRY OF NATURAL RESOURCES
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

PROJECT(C10) - MONITORING OF CONTAMINANTS IN ONTARIO FISH DATA VALID AS OF 07/04/77

LEADER IRIZAWA K.K. TELEPHONE 4169654704 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 60000 STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/69	/70
OPERATIONAL	/70	CONTINUING

PURPOSE OF PROJECT

IN CO-OPERATION WITH THE ONTARIO MINISTRY OF THE ENVIRONMENT TO STUDY LEVELS OF CONTAMINANTS IN ONTARIO FISH FOR PURPOSES OF DETERMINING SIGNIFICANCE TO HUMAN HEALTH & FISH MANAGEMENT & LOCATING SOURCES OF CONTAMINATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CLBRTD	SAMPLE DESCRPTN (LENGTH WEIGHT AGE DEVST NO SEX)	PRESERVATION METHOD (ICED FROZEN SALTED DRIED FORMALIN ALCOHOL OTHER)	SAMPLE ORIGIN (FIELD COLLECTED, AQUARIUM, COMMERCIAL, OTHER)	HUMOWS	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATEB	RAW DATA YR ST	YR EN	COMPUTER	INHOUSE	PUBLISHED	BIOASSAYS (TOXICITY, ODOUR, FLAVOUR, CHEMICAL, TCH, HISTOLOGY, BIO)	GEOGRAPHIC AREA	WAT COD
ACIPENSER FULVESCEN	PCB'S		X X	X	X X	X	1		15		70						CANADA	211
ACIPENSER FULVESCEN	MERCURY-TOTAL		X X	X	X X	X	1		15		70						CANADA	211
ALOSA PSEUDOHARENGU	MIREX		X X	X	X	X	3	1	50		70						LAKE ONTARIO	211
ALOSA PSEUDOHARENGU	PCB'S		X X	X	X	X	3	1	50		70						LAKE ONTARIO	211
ALOSA PSEUDOHARENGU	MERCURY-TOTAL		X X	X	X	X	3	1	50		70						LAKE ONTARIO	211
ANGUILLA ROSTRATA	PCB'S		X X	X	X X	X	3	1	15		70						LAKE ONTARIO	211
ANGUILLA ROSTRATA	MERCURY-TOTAL		X X	X	X X	X	3	1	15		70						LAKE ONTARIO	211
CATOSTOMUS COMMERSO	MIREX		X X	X	X X	X	30		15		70						CANADA	211
CATOSTOMUS COMMERSO	PCB'S		X X	X	X X	X	30		15		70						CANADA	211
CATOSTOMUS COMMERSO	MERCURY-TOTAL		X X	X	X X	X	30		15		70						CANADA	211
COREGONUS ARTEDII	PCB'S		X X	X	X X	X	3	1	15		70						LAKE HURON	211
COREGONUS ARTEDII	MERCURY-TOTAL		X X	X	X X	X	3	1	15		70						LAKE HURON	211
COREGONUS CLUPEAFOR	PCB'S		X X	X	X X	X	40	1	15		70						CANADA	211
COREGONUS CLUPEAFOR	MERCURY-TOTAL		X X	X	X X	X	40	1	15		70						CANADA	211
CYPRINUS CARPIO	MIREX		X X	X	X X	X	4	1	5		70						LAKE ONTARIO	211
CYPRINUS CARPIO	PCB'S		X X	X	X X	X	4	1	5		70						LAKE ONTARIO	211
CYPRINUS CARPIO	MERCURY-TOTAL		X X	X	X X	X	4	1	5		70						LAKE ONTARIO	211
DOROSOMA CEPEDIANUM	MIREX		X X	X	X	X	3	1	15		70						LAKE ONTARIO	211
DOROSOMA CEPEDIANUM	PCB'S		X X	X	X	X	3	1	15		70						LAKE ONTARIO	211
DOROSOMA CEPEDIANUM	MERCURY-TOTAL		X X	X	X	X	3	1	15		70						LAKE ONTARIO	211
ESOX LUCIUS	MIREX		X X	X	X X	X	75	1	15		70						CANADA	211
ESOX LUCIUS	PCB'S		X X	X	X X	X	75	1	15		70						CANADA	211
ESOX LUCIUS	MERCURY-TOTAL		X X	X	X X	X	75	1	15		70						CANADA	211
ICTALURUS NEBULOSUS	MIREX		X X	X	X X	X	15	1	15		70						CANADA	211
ICTALURUS NEBULOSUS	PCB'S		X X	X	X X	X	15	1	15		70						CANADA	211
ICTALURUS NEBULOSUS	MERCURY-TOTAL		X X	X	X X	X	15	1	15		70						CANADA	211
ICTALURUS PUNCTATUS	MIREX		X X	X	X X	X	3	1	15		70						CANADA	211
ICTALURUS PUNCTATUS	PCB'S		X X	X	X X	X	3	1	15		70						CANADA	211
ICTALURUS PUNCTATUS	MERCURY-TOTAL		X X	X	X X	X	3	1	15		70						CANADA	211
MICROPTERUS DOLOMIE	MIREX		X X	X	X	X	25	1	15		70						CANADA	211
MICROPTERUS DOLOMIE	PCB'S		X X	X	X	X	25	1	15		70						CANADA	211
MICROPTERUS DOLOMIE	MERCURY-TOTAL		X X	X	X	X	25	1	15		70						CANADA	211
ONCORHYNCHUS KISUTC	MIREX		X X	X	X	X	4	1	15		70						LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	PCB'S		X X	X	X	X	4	1	15		70						LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	MERCURY-TOTAL		X X	X	X	X	4	1	15		70						LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	PCB'S		X X	X	X	X	2	1	15		74						LAKE HURON	211
ONCORHYNCHUS TSHAWY	MERCURY-TOTAL		X X	X	X	X	2	1	15		74						LAKE HURON	211
OSMERUS MORDAX	MIREX		X X	X	X X	X	8	1	50		70						LAKE ONTARIO	211
OSMERUS MORDAX	PCB'S		X X	X	X X	X	8	1	50		70						LAKE ONTARIO	211
OSMERUS MORDAX	MERCURY-TOTAL		X X	X	X X	X	8	1	50		70						LAKE ONTARIO	211
PERCA FLAVESCENS	PCB'S		X X	X	X X	X	35	1	15		70						CANADA	211
PERCA FLAVESCENS	MERCURY-TOTAL		X X	X	X X	X	35	1	15		70						CANADA	211
SALMO GAIRDNERI	PCB'S		X X	X	X	X	5	1	15		75						LAKE SUPERIOR	211
SALMO GAIRDNERI	MERCURY-TOTAL		X X	X	X	X	5	1	15		75						LAKE SUPERIOR	211
SALMO GAIRDNERI	COPPER		X X	X	X	X	5	1	15		75						LAKE SUPERIOR	211
SALMO GAIRDNERI	ZINC		X X	X	X	X	5	1	15		75						LAKE SUPERIOR	211
SALMO TRUTTA	MIREX		X X	X	X	X	1	1	15		75						LAKE ONTARIO	211
SALMO TRUTTA	PCB'S		X X	X	X	X	1	1	15		75						LAKE ONTARIO	211
SALMO TRUTTA	MERCURY-TOTAL		X X	X	X	X	1	1	15		75						LAKE ONTARIO	211
SALVELINUS FONTINAL	PCB'S		X X	X	X	X	6	1	15		76						CANADA	211
SALVELINUS FONTINAL	MERCURY-TOTAL		X X	X	X	X	6	1	15		76						CANADA	211
SALVELINUS NAMAYCUS	PCB'S		X X	X	X X	X	35	1	15		70						CANADA	211
SALVELINUS NAMAYCUS	MERCURY-TOTAL		X X	X	X X	X	35	1	15		70						CANADA	211
STIZOSTEDION VITREU	PCB'S		X X	X	X X	X	75	1	15		70						CANADA	211
STIZOSTEDION VITREU	MERCURY-TOTAL		X X	X	X X	X	75	1	15		70						CANADA	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PUBLIC NEWS RELEASES&INFORM. BOOKLETS

DATE 771208 INSTITUTE(K36) LABORATOIRE DE BROMATOLOGIE ET DE TOXICOLOGIE BELGIUM
UNIVERSITE DE LIEGE
BOULEVARD DE LA CONSTITUTION,151
4020 LIEGE

PROJECT(C18) - HG APPORTE PAR PRODUITS DE LA PECHE DANS RATION ALIMENTAIRE DATA VALID AS OF 12/04/77

LEADER FOUASSIN A.,NOIRFALISE A. TELEPHONE 041-422138 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/72
OPERATIONAL	/72	CONTINUING

SUB-PROGRAMME OF I.B.A.N.

PURPOSE OF PROJECT

DETERMINATION DE LA CHARGE EN MERCURE APPORTEE A LA RATION ALIMENTAIRE BELGE POUR LA CONSOMMATION DE POISSONS, FRUITS DE MER, VIANDES, VOLAILLES ET DERIVES PRELEVES SUR LE MARCHE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	MERCURY-TOTAL	X						X		X				X		X			X			30		72	73		X	X				NORTH ATLANTIC O	233
CRANGON CRANGON	MERCURY-TOTAL	X						X	X					X		X			X			15		72	73		X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	MERCURY-TOTAL	X						X	X		X					X			X			40		72	73		X	X				NORTH ATLANTIC O	233
HARENGUS MINOR	MERCURY-TOTAL	X						X						X		X			X			20		72	73		X	X				NORTH ATLANTIC O	233
LIMANDA LIMANDA	MERCURY-TOTAL	X						X	X							X			X			10		72	73		X	X				NORTH ATLANTIC O	233
LOPHIUS PISCATORIUS	MERCURY-TOTAL	X						X								X			X			40		72	73		X	X				NORTH ATLANTIC O	233
MERLANGIUS MERLANGU	MERCURY-TOTAL	X						X	X							X			X			20		72	73		X	X				NORTH ATLANTIC O	233
MULLUS SURMULETUS	MERCURY-TOTAL	X						X								X			X			10		72	73		X	X				NORTH ATLANTIC O	233
MYTILUS EDULIS	MERCURY-TOTAL	X						X						X		X			X			10		72	73		X	X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-TOTAL	X						X	X							X			X			20		72	73		X	X				NORTH ATLANTIC O	233
RAJA SPP.	MERCURY-TOTAL	X						X								X			X			10		72	73		X	X				NORTH ATLANTIC O	233
SALMO SALAR	MERCURY-TOTAL	X						X	X					X		X			X			20		72	73		X	X				NORTH ATLANTIC O	233
SALMO TRUTTA	MERCURY-TOTAL	X						X	X							X			X			20		72	73		X	X					210
SCOMBER SCOMBRUS	MERCURY-TOTAL	X						X						X		X			X			15		72	73		X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	MERCURY-TOTAL	X						X	X							X			X			25		72	73		X	X				NORTH SEA(INCL.S	233
SPARUS AURATUS	MERCURY-TOTAL	X						X	X							X			X			20		72	73		X	X				NORTH ATLANTIC O	233
THUNNUS SPP.	MERCURY-TOTAL	X						X	X					X		X			X			70		72	73		X	X				NORTH ATLANTIC O	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REVUE DES FERMENTATIONS&DES INDUSTRIES ALIMEN.(BRUXELLES)ETC.

DATE 771208 INSTITUTE(K37) PESTICIDE SECTION CANADA

LABORATORY SERVICE BRANCH
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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

LEADER REES G.A.V. TELEPHONE 4162483031 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 75000 STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	05/74	/
OPERATIONAL	07/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO MONITOR LEVELS OF RECOGNIZED PERSISTANT ORGANIC POLLUTANTS IN SPORTS FISH FROM THE GREAT LAKES AND INLAND LAKES AND RIVERS IN ONTARIO. TO PROVIDE INFORMATION FOR ASSESSMENT OF PUBLIC HEALTH HAZARDS POSED BY FISH CONSUMPTION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ROSTRATA	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
ANGUILLA ROSTRATA	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
ANGUILLA ROSTRATA	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	PCB'S		X	X					X						X				X			25		74		X	X					LAKE HURON	211
ANGUILLA ROSTRATA	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	PCB'S		X	X					X						X				X			25		74		X	X					LAKE HURON	212
ANGUILLA ROSTRATA	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
ANGUILLA ROSTRATA	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212

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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	C A R D	SAMPLE DESCRPTN (LENGTH WEIGHT AGE SEX)	PRESERVATION METHOD	SAMPLE ORIGIN	H U M	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I WATER	RAW DATA M YR ST	YR EN	C O M P	I N H S	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ANGUILLA ROSTRATA	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	DDE-PP		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	TDE-PP		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	DDT-PP		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	DDT-OP		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	MIREX	X	X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	PCB'S		X X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ANGUILLA ROSTRATA	BHC-ALPHA		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	DDE-PP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	TDE-PP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	DDT-PP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	DDT-OP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	MIREX	X	X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	PCB'S		X X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ANGUILLA ROSTRATA	BHC-ALPHA		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	DDE-PP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	TDE-PP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	DDT-PP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	DDT-OP		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	MIREX	X	X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ANGUILLA ROSTRATA	PCB'S		X X	X	X	X			25		74		X	X		LAKE ONTARIO	212
CYPRINUS CARPIO	BHC-ALPHA		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	DDE-PP		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	TDE-PP		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	DDT-PP		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	DDT-OP		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	MIREX	X	X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	PCB'S		X X	X	X	X			25		74		X	X		LAKE ERIE	211
CYPRINUS CARPIO	BHC-ALPHA		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	DDE-PP		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	TDE-PP		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	DDT-PP		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	DDT-OP		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	MIREX	X	X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	PCB'S		X X	X	X	X			25		74		X	X		LAKE ERIE	212
CYPRINUS CARPIO	BHC-ALPHA		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	DDE-PP		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	TDE-PP		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	DDT-PP		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	DDT-OP		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	MIREX	X	X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	PCB'S		X X	X	X	X			25		74		X	X		LAKE HURON	211
CYPRINUS CARPIO	BHC-ALPHA		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	BHC-GAMMA		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	DIELDRIN		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	DDE-PP		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	TDE-PP		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	DDT-PP		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	DDT-OP		X X	X	X	X			25		74		X	X		LAKE HURON	212
CYPRINUS CARPIO	ENDOSULFAN		X X	X	X	X			25		74		X	X		LAKE HURON	212

DATE 771208 INSTITUTE(K37) PESTICIDE SECTION CANADA
LABORATORY SERVICE BRANCH
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 213
REXDALE,ONTARIO M9W 5L1

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

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HOST SUBSTANCE   CONTAMINANT   C SAMPLE   PRESERVATION     SAMPLE   H NUMB ANNL NUMBER S  RAW DATA   BIOAS- GEOGRAPHIC  WAT
                               A DESCRPTN METHOD           ORIGIN   U STNS FREQ /YEAR I              SAYS   AREA        COD
                               L  L W A D N I F S D F A O  P C A O M                  M YR YR C I P  T P O
                               B  E E G E C C R A R O L T  I O Q T C                  W ST EN O N U  O D T
                               R  M I E V T E O L I R C H  E M C H O                  A       M H B  X C H
                               T  G G   S   D Z T E M O E  L R L E N                  T       P S L  C H B
                               D  T H   T     E E D L H R  D C T R S                  E         E S  T N I
                                  H T   G     N D   N L      L R   P                  R           H  Y   O
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HOST SUBSTANCE	CONTAMINANT	CALBRTD	LENGTH	WEIGHT	FROZEN	FIELD	HUMAN CONSUMP	NUMBER /YEAR	YR ST	COMP	INH	GEOGRAPHIC AREA	WAT COD
CYPRINUS CARPIO	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
CYPRINUS CARPIO	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	212
CYPRINUS CARPIO	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
CYPRINUS CARPIO	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
CYPRINUS CARPIO	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
CYPRINUS CARPIO	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
CYPRINUS CARPIO	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE HURON	211

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	SAMPLE ORIGIN FIELD	HUMCONSP	NUMBER /YEAR	RAW DATA YR ST	RAW DATA COMP	RAW DATA INHSE	GEOGRAPHIC AREA	WAT COD
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ESOX LUCIUS	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX LUCIUS	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	211

DATE 771208 INSTITUTE(K37) PESTICIDE SECTION CANADA
LABORATORY SERVICE BRANCH
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 213
REXDALE, ONTARIO M9W 5L1

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: FIELD	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA: YR ST	RAW DATA: YR EN	RAW DATA: COMP	RAW DATA: INHSE	RAW DATA: PUBLSH	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	211
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE HURON	211
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE HURON	212
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
ESOX MASQUINONGY	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
ESOX MASQUINONGY	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
ESOX MASQUINONGY	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
ESOX MASQUINONGY	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
ESOX MASQUINONGY	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212

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CANADA

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH

DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD	SAMPLE ORIGIN	HUM COMPS	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INDIV	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ESOX MASQUINCNGY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ESOX MASQUINONGY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ESOX MASQUINCNGY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ESOX MASQUINONGY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ESOX MASQUINONGY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ESOX MASQUINONGY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
ESOX MASQUINONGY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	BHC-ALPHA		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	BHC-GAMMA		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	DIELDRIN		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	DDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	TDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	DDT-PP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	DDT-OP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	ENDOSULFAN		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	MIREX	X	X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	PCB'S		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	211
HYBOPSIS PLUMBEA	BHC-ALPHA		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	BHC-GAMMA		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	DIELDRIN		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	DDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	TDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	DDT-PP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	DDT-OP		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	ENDOSULFAN		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	MIREX	X	X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	PCB'S		X	X	X	X	X			10X10		74		X	X		LAKE ERIE	212
HYBOPSIS PLUMBEA	BHC-ALPHA		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	BHC-GAMMA		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	DIELDRIN		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	DDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	TDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	DDT-PP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	DDT-OP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	ENDOSULFAN		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	MIREX	X	X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	PCB'S		X	X	X	X	X			10X10		74		X	X		LAKE HURON	211
HYBOPSIS PLUMBEA	BHC-ALPHA		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	BHC-GAMMA		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	DIELDRIN		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	DDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	TDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	DDT-PP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	DDT-OP		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	ENDOSULFAN		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	MIREX	X	X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	PCB'S		X	X	X	X	X			10X10		74		X	X		LAKE HURON	212
HYBOPSIS PLUMBEA	BHC-ALPHA		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	BHC-GAMMA		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	DIELDRIN		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	DDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	TDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	DDT-PP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	DDT-OP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	ENDOSULFAN		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	MIREX	X	X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	PCB'S		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	211
HYBOPSIS PLUMBEA	BHC-ALPHA		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	BHC-GAMMA		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	DIELDRIN		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	DDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	TDE-PP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	DDT-PP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	DDT-OP		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	ENDOSULFAN		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	MIREX	X	X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212
HYBOPSIS PLUMBEA	PCB'S		X	X	X	X	X			10X10		74		X	X		LAKE SUPERIOR	212

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CANADA

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH

DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN (LENGTH WEIGHT AGE DEV STG)	PRESERVATION METHOD (NO TREATMENT, ICED, FROZEN, SALTED, DRIED, FORMALIN, ALCOHOL, OTHER)	SAMPLE ORIGIN (FIELD COLLECTED, COMMERCIAL, AQUACULTURE, OTHER)	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP INHBLES PUBLSH	BIOASSAYS TOXCTY PDCHHN OTHBIO	GEOGRAPHIC AREA	WAT COD
HYBOPSIS PLUMBEA	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	PCB'S		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	211
HYBOPSIS PLUMBEA	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
HYBOPSIS PLUMBEA	PCB'S		X X	X	X	X			10X10		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	DDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	TDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	DDT-PP		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	DDT-OP		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	MIREX	X	X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	PCB'S		X X	X	X	X			25		74		X X		LAKE ERIE	212
MICROPTERUS DOLOMIE	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	DIELDRIN		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	DDE-PP		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	TDE-PP		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	DDT-PP		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	DDT-OP		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	MIREX	X	X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	PCB'S		X X	X	X	X			25		74		X X		LAKE HURON	211
MICROPTERUS DOLOMIE	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	DIELDRIN		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	DDE-PP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	TDE-PP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	DDT-PP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	DDT-OP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	MIREX	X	X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	PCB'S		X X	X	X	X			25		74		X X		LAKE SUPERIOR	212
MICROPTERUS DOLOMIE	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	DDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	TDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	DDT-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	DDT-OP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	MIREX	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MICROPTERUS DOLOMIE	PCB'S		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ERIE	211
MORONE CHRYSOPS	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ERIE	211
MORONE CHRYSOPS	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ERIE	211
MORONE CHRYSOPS	DDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
MORONE CHRYSOPS	TDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
MORONE CHRYSOPS	DDT-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
MORONE CHRYSOPS	DDT-OP		X X	X	X	X			25		74		X X		LAKE ERIE	211

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CANADA

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE HURON	211
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE HURON	212
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
MORONE CHRYSOPS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
MORONE CHRYSOPS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212

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CANADA

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN (LENGTH WEIGHT AGE DESCRPTN)	PRESERVATION METHOD	SAMPLE ORIGIN	HUMCOMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMM / INDPUB	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
MORONE CHRYSOPS	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	DDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	TDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	DDT-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	DDT-OP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	MIREX	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
MORONE CHRYSOPS	PCB'S		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
NOTROPIS CORNUTUS	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	DDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	TDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	DDT-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	DDT-OP		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	MIREX	X	X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	PCB'S		X X	X	X	X			25		74		X X		LAKE ERIE	211
NOTROPIS CORNUTUS	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	DIELDRIN		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	DDE-PP		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	TDE-PP		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	DDT-PP		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	DDT-OP		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	MIREX	X	X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	PCB'S		X X	X	X	X			25		74		X X		LAKE HURON	212
NOTROPIS CORNUTUS	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	DIELDRIN		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	DDE-PP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	TDE-PP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	DDT-PP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	DDT-OP		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	MIREX	X	X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	PCB'S		X X	X	X	X			25		74		X X		LAKE SUPERIOR	211
NOTROPIS CORNUTUS	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	DDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	TDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	DDT-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	DDT-OP		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	MIREX	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	211
NOTROPIS CORNUTUS	PCB'S		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	DDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	TDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	DDT-PP		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	DDT-OP		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	MIREX	X	X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	PCB'S		X X	X	X	X			25		74		X X		LAKE ERIE	211
ONCORHYNCHUS KISUTC	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	DDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	TDE-PP		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	DDT-PP		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	DDT-OP		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ERIE	212
ONCORHYNCHUS KISUTC	MIREX	X	X X	X	X	X			25		74		X X		LAKE ERIE	212

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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH   DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	SAMPLE ORIGIN FIELD	HUMCONSP	NUMBER /YEAR	RAW DATA YR ST	RAW DATA COMP	RAW DATA INHSE	GEOGRAPHIC AREA	WAT COD
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
ONCORHYNCHUS KISUTC	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	211
ONCORHYNCHUS KISUTC	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	212
ONCORHYNCHUS KISUTC	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
ONCORHYNCHUS KISUTC	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
ONCORHYNCHUS KISUTC	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
ONCORHYNCHUS KISUTC	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS KISUTC	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ERIE	211
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	211

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CANADA

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD	SAMPLE ORIGIN FIELD	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MYR WST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INDIVS	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE ERIE	211
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE ERIE	212
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE HURON	211
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE HURON	212
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	211
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	PCB'S		X	X	X	X	X			25		74		X	X		LAKE SUPERIOR	212
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	DIELDRIN		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	DDE-PP		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	TDE-PP		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	DDT-PP		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	DDT-OP		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	MIREX	X	X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X		LAKE ONTARIO	211

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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	C ALBRTD	SAMPLE DESCRPTN (LENGTH WEIGHT AGE DESCRPTN)	PRESERVATION METHOD (HIFSDFAO)	SAMPLE ORIGIN (PCAO)	HUM COMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA C I P	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ONCORHYNCHUS TSHAWY	PCB'S		X X	X	X	X			25		74		X X		LAKE ONTARIO	211
ONCORHYNCHUS TSHAWY	BHC-ALPHA		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	BHC-GAMMA		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	DIELDRIN		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	DDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	TDE-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	DDT-PP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	DDT-OP		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	ENDOSULFAN		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	MIREX	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	CHLORDANE-ALPH	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	CHLORDANE-GAMM	X	X X	X	X	X			25		74		X X		LAKE ONTARIO	212
ONCORHYNCHUS TSHAWY	PCB'S		X X	X	X	X			25		74		X X		LAKE ONTARIO	212
OSMERUS MORDAX	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	PCB'S		X X	X	X	X			10X10		74		X X		LAKE ERIE	211
OSMERUS MORDAX	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	PCB'S		X X	X	X	X			10X10		74		X X		LAKE ERIE	212
OSMERUS MORDAX	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	PCB'S		X X	X	X	X			10X10		74		X X		LAKE HURON	211
OSMERUS MORDAX	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	PCB'S		X X	X	X	X			10X10		74		X X		LAKE HURON	212
OSMERUS MORDAX	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	DDT-OP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	ENDOSULFAN		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	MIREX	X	X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	CHLORDANE-ALPH	X	X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	CHLORDANE-GAMM	X	X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	PCB'S		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	211
OSMERUS MORDAX	BHC-ALPHA		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	212
OSMERUS MORDAX	BHC-GAMMA		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	212
OSMERUS MORDAX	DIELDRIN		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	212
OSMERUS MORDAX	DDE-PP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	212
OSMERUS MORDAX	TDE-PP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	212
OSMERUS MORDAX	DDT-PP		X X	X	X	X			10X10		74		X X		LAKE SUPERIOR	212

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CANADA

PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: FIELD	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	YR ST	RAW DATA: COMP	RAW DATA: IN HSE	GEOGRAPHIC AREA	WAT COD
OSMERUS MORDAX	DDT-OP		X	X	X	X	X			10X10	74	X	X	LAKE SUPERIOR	212
OSMERUS MORDAX	ENDOSULFAN		X	X	X	X	X			10X10	74	X	X	LAKE SUPERIOR	212
OSMERUS MORDAX	MIREX	X	X	X	X	X	X			10X10	74	X	X	LAKE SUPERIOR	212
OSMERUS MORDAX	CHLORDANE-ALPH	X	X	X	X	X	X			10X10	74	X	X	LAKE SUPERIOR	212
OSMERUS MORDAX	CHLORDANE-GAMM	X	X	X	X	X	X			10X10	74	X	X	LAKE SUPERIOR	212
OSMERUS MORDAX	PCB'S		X	X	X	X	X			10X10	74	X	X	LAKE SUPERIOR	212
OSMERUS MORDAX	BHC-ALPHA		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	BHC-GAMMA		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	DIELDRIN		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	DDE-PP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	TDE-PP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	DDT-PP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	DDT-OP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	ENDOSULFAN		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	MIREX	X	X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	CHLORDANE-ALPH	X	X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	CHLORDANE-GAMM	X	X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	PCB'S		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	211
OSMERUS MORDAX	BHC-ALPHA		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	BHC-GAMMA		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	DIELDRIN		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	DDE-PP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	TDE-PP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	DDT-PP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	DDT-OP		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	ENDOSULFAN		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	MIREX	X	X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	CHLORDANE-ALPH	X	X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	CHLORDANE-GAMM	X	X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
OSMERUS MORDAX	PCB'S		X	X	X	X	X			10X10	74	X	X	LAKE ONTARIO	212
PERCA FLAVESCENS	BHC-ALPHA		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	BHC-GAMMA		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	DIELDRIN		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	DDE-PP		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	TDE-PP		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	DDT-PP		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	DDT-OP		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	ENDOSULFAN		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	MIREX	X	X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	PCB'S		X	X	X	X	X			25	74	X	X	LAKE ERIE	211
PERCA FLAVESCENS	BHC-ALPHA		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	BHC-GAMMA		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	DIELDRIN		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	DDE-PP		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	TDE-PP		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	DDT-PP		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	DDT-OP		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	ENDOSULFAN		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	MIREX	X	X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	PCB'S		X	X	X	X	X			25	74	X	X	LAKE ERIE	212
PERCA FLAVESCENS	BHC-ALPHA		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	BHC-GAMMA		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	DIELDRIN		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	DDE-PP		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	TDE-PP		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	DDT-PP		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	DDT-OP		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	ENDOSULFAN		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	MIREX	X	X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	PCB'S		X	X	X	X	X			25	74	X	X	LAKE HURON	211
PERCA FLAVESCENS	BHC-ALPHA		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	BHC-GAMMA		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	DIELDRIN		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	DDE-PP		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	TDE-PP		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	DDT-PP		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	DDT-OP		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	ENDOSULFAN		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	MIREX	X	X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	PCB'S		X	X	X	X	X			25	74	X	X	LAKE HURON	212
PERCA FLAVESCENS	BHC-ALPHA		X	X	X	X	X			25	74	X	X	LAKE SUPERIOR	211

LABORATORY SERVICE BRANCH
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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN L LENGTH	W WEIGHT	A AGE	D DEVSTG	PRESERVATION METHOD N	I	F	S	D	F	A	O	SAMPLE ORIGIN F	C	A	O	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	YR ST	YR EN	RAW DATA C	I	P	BIOASSAYS T	F	O	GEOGRAPHIC AREA	WAT COD
PERCA FLAVESCENS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
PERCA FLAVESCENS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
PERCA FLAVESCENS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
PERCA FLAVESCENS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
PERCA FLAVESCENS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALMO GAIRDNERI	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
SALMO GAIRDNERI	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
SALMO GAIRDNERI	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
SALMO GAIRDNERI	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	211

DATE 771208 INSTITUTE(K37) PESTICIDE SECTION CANADA
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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: FIELD	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SWATER	RAW DATA: YR ST	RAW DATA: YR EN	RAW DATA: COMP	RAW DATA: I	RAW DATA: P	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
SALMO GAIRDNERI	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE HURON	211
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE HURON	211
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE HURON	211
SALMO GAIRDNERI	PCB'S		X	X	X	X	X			25		74		X	X			LAKE HURON	211
SALMO GAIRDNERI	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	PCB'S		X	X	X	X	X			25		74		X	X			LAKE HURON	212
SALMO GAIRDNERI	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	PCB'S		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	211
SALMO GAIRDNERI	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	PCB'S		X	X	X	X	X			25		74		X	X			LAKE SUPERIOR	212
SALMO GAIRDNERI	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	PCB'S		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	211
SALMO GAIRDNERI	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO GAIRDNERI	PCB'S		X	X	X	X	X			25		74		X	X			LAKE ONTARIO	212
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	DDE-PP		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	TDE-PP		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	DDT-PP		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	DDT-OP		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	MIREX	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	PCB'S		X	X	X	X	X			25		74		X	X			LAKE ERIE	211
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X			25		74		X	X			LAKE ERIE	212
SALMO TRUTTA	DIELDRIN		X	X	X	X	X			25		74		X	X			LAKE ERIE	212

LABORATORY SERVICE BRANCH
ONTARIO MINISTRY OF THE ENVIRONMENT
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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH

DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD FROZEN	SAMPLE ORIGIN FIELD	HUM CONSP	NUMBER /YEAR	RAW DATA YR ST	RAW DATA COMP	RAW DATA INHSES	GEOGRAPHIC AREA	WAT COD
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ERIE	212
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	211
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	PCB'S		X	X	X	X	X	25	74	X	X	LAKE HURON	212
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	211
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	PCB'S		X	X	X	X	X	25	74	X	X	LAKE SUPERIOR	212
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	PCB'S		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	211
SALMO TRUTTA	BHC-ALPHA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	BHC-GAMMA		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	DIELDRIN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	DDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	TDE-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	DDT-PP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	DDT-OP		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	ENDOSULFAN		X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	MIREX	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212
SALMO TRUTTA	CHLORDANE-ALPH	X	X	X	X	X	X	25	74	X	X	LAKE ONTARIO	212

DATE 771208 INSTITUTE(K37) PESTICIDE SECTION CANADA
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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: FIELD	HUMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA: YR ST	YR EN	RAW DATA: C	RAW DATA: I	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
SALMO TRUTTA	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE ONTARIO	212
SALMO TRUTTA	PCB'S		X	X	X	X	X			25	74		X	X		LAKE ONTARIO	212
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	DDT-PP		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	DDT-OP		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	MIREX	X	X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	PCB'S		X	X	X	X	X			25	74		X	X		LAKE ERIE	211
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	DDT-PP		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	DDT-OP		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	MIREX	X	X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	PCB'S		X	X	X	X	X			25	74		X	X		LAKE ERIE	212
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	DDT-PP		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	DDT-OP		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	MIREX	X	X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	PCB'S		X	X	X	X	X			25	74		X	X		LAKE HURON	211
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	DDT-PP		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	DDT-OP		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	MIREX	X	X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	PCB'S		X	X	X	X	X			25	74		X	X		LAKE HURON	212
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	DDT-PP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	DDT-OP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	MIREX	X	X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	PCB'S		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	211
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	DDT-PP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	DDT-OP		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	MIREX	X	X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	PCB'S		X	X	X	X	X			25	74		X	X		LAKE SUPERIOR	212
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X	X	X	X			25	74		X	X		LAKE ONTARIO	211
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X	X	X	X			25	74		X	X		LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DIELDRIN		X	X	X	X	X			25	74		X	X		LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DDE-PP		X	X	X	X	X			25	74		X	X		LAKE ONTARIO	211
SALVELINUS NAMAYCUS	TDE-PP		X	X	X	X	X			25	74		X	X		LAKE ONTARIO	211

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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD N	I	F	S	D	F	A	O	SAMPLE ORIGIN F	C	K	O	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	I	PUBLSH	BIOASSAYS T	F	O	GEOGRAPHIC AREA	WAT COD
SALVELINUS NAMAYCUS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
SALVELINUS NAMAYCUS	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
SALVELINUS NAMAYCUS	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	211
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ERIE	212
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE HURON	211
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE HURON	212
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	211

DATE 771208 INSTITUTE(K37) PESTICIDE SECTION CANADA

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PROJECT(C21) - ORGANIC CONTAMINANTS IN ONTARIO SPORTS FISH DATA VALID AS OF 15/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTB	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE SUPERIOR	212
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	211
STIZOSTEDION VITREU	BHC-ALPHA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	BHC-GAMMA		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	DIELDRIN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	DDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	TDE-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	DDT-PP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	DDT-OP		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	ENDOSULFAN		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	MIREX	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	CHLORDANE-ALPH	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	CHLORDANE-GAMM	X	X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212
STIZOSTEDION VITREU	PCB'S		X	X					X						X				X			25		74		X	X					LAKE ONTARIO	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K38) INORGANIC TRACE CONTAMINANTS SECTION CANADA

LABORATORY SERVICE BRANCH
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 213
REXDALE,CNTARIO M9W 5L1

PROJECT(CC8) - DATA VALID AS OF 07/04/77

LEADER NEARY B.P. TELEPHONE 4162483031 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/
OPERATICNAL	/70	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO PROVIDE INFORMATICN REGARDING MERCURY LEVELS IN SPORTS FISH AND IMPORTANT COMMERCIAL FISH IN ONTARIO

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	PROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CATOSTOMUS CCMMERSO	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
COREGONUS ARTEDII	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
COBEGONUS CLUPEAFOR	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
ESOX LUCIUS	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
MICROPTERUS DOLOMIE	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
PERCA FLAVESCENS	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
SALVELINUS NAMAYCUS	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211
STIZOSTEDION VITREU	MERCURY-TOTAL	X	X	X					X						X				X	200						X						CANADA	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ONTARIO GOVERNMENT REPORTS

DATE 771208 INSTITUTE(K43) DEPARTMENT OF MICROBIOLOGY UNITED STATES

UNIVERSITY OF MARYLAND
COLLEGE PARK,MARYLAND 20742

PROJECT(C73) - MICROBIAL MOBILIZATION OF HEAVY METALS DATA VALID AS OF 21/06/77

LEADER COLWELL R.R. TELEPHONE 3014545376 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 20000 STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/
OPERATIONAL	/72	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO DETERMINE THE EFFECTS OF HEAVY METALS ON MICROBIAL POPULATIONS AND TO ELUCIDATE THE MOBILIZATION OF HEAVY METALS BY MICROORGANIS MS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
BACTERIA	PCB'S	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
BACTERIA	ALKANES-N-TOTA	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
BACTERIA	HYDROCARBONS-A	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
BACTERIA	MERCURY-TOTAL	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
PLANKTON	PCB'S	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
PLANKTON	ALKANES-N-TOTA	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
PLANKTON	HYDROCARBONS-A	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223
PLANKTON	MERCURY-TOTAL	X												X	X						10		X	64		X		X				EASTERN SHELF ZO	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

APPLIED&ENV.MICROBIOLOGY-ENV.PROTECT.AGENCY REPORTS ETC.

DATE 771208 INSTITUTE(K49) PLANT PROTECTION RESEARCH INSTITUTE SOUTH AFRICA
DEPARTMENT OF AGRICULTURAL TECHNICAL SERVICE
PRIVATE BAG X134
PRETORIA 0001

PROJECT(D18) - ENVIRONMENTAL POLLUTION BY PESTICIDES DATA VALID AS OF 10/08/77

LEADER VAN DYK L.P. TELEPHONE 413111 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 25000 US DOLLAR EQUIVALENT - 20000 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/75
OPERATICNAL	/75	CONTINUING

PURPOSE OF PROJECT

TO DETERMINE THE MAGNITUDE OF PESTICIDE CONTAMINATION OF INLAND WATERS AND THE POSSIBLE DELETERIOUS EFFECTS ON FRESHWATER ORGANISMS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
CRUSTACEANS,FRESHWA	BHC-ALPHA			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	BHC-GAMMA			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	DIELDRIN			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	DDT-PP			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	ENDOSULFAN			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	ORGANOPHOSPHOR			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	CARBAMATE COMP			X		X						X			X					4	1		X	75					X				212
CRUSTACEANS,FRESHWA	PCB'S			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	BHC-ALPHA			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	BHC-GAMMA			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	DIELDRIN			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	DDT-PP			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	ENDOSULFAN			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	ORGANOPHOSPHOR			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	CARBAMATE COMP			X		X						X			X					4	1		X	75					X				212
TILAPIA SPP	PCB'S			X		X						X			X					4	1		X	75					X				212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULL.ENVIRON.CONTAM.TOXICOL. ETC.

DATE 771208 INSTITUTE(K54) GREAT LAKES BIOLIMNOLOGY LABORATORY CANADA
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
875 QUEEN ST.EAST
SAULT STE MARIE,ONTARIO P6A 2B3

PROJECT(C00) - PERSISTENT CONTAMINANTS DATA VALID AS OF 19/04/77

LEADER KELSO J.R.M. TELEPHONE 7059422848 TELEX/CABLE

FUNDING - NATICNAL CURRENCY US DOLLAR EQUIVALENT - 100000 STAFF OF 13

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATICNAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO MODEL CONTAMINANTS FROM NON-POINT SOURCE INPUTS IN NATURAL AQUATIC ECOSYSTEMS. CONSEQUENTLY RESEARCH IS DIRECTED TO TRANSFER THE ACCUMULATION MECHANISMS FOR ALL ASPECTS OF THE ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ALOSA PSEUDOHARENGU	DDT-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
ALOSA PSEUDOHARENGU	PCB'S		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
ALOSA PSEUDOHARENGU	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
ALOSA PSEUDOHARENGU	COPPER		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
ALOSA PSEUDOHARENGU	NICKEL	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
ALOSA PSEUDOHARENGU	LEAD	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
ALOSA PSEUDOHARENGU	DDT-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
ALOSA PSEUDOHARENGU	PCB'S		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
ALOSA PSEUDOHARENGU	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
ALOSA PSEUDOHARENGU	COPPER		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
ALOSA PSEUDOHARENGU	NICKEL	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
ALOSA PSEUDOHARENGU	LEAD	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
BENTHOS	DDT-TOTAL					X						X			X						2	>50<100	X	76	79							LAKE ERIE	211
BENTHOS	PCB'S					X						X			X						2	>50<100	X	76	79							LAKE ERIE	211
BENTHOS	MERCURY-TOTAL					X						X			X						2	>50<100	X	76	79							LAKE ERIE	211
BENTHOS	COPPER					X						X			X						2	>50<100	X	76	79							LAKE ERIE	211
BENTHOS	NICKEL	X				X						X			X						2	>50<100	X	76	79							LAKE ERIE	211
BENTHOS	LEAD	X				X						X			X						2	>50<100	X	76	79							LAKE ERIE	211
BENTHOS	DDT-TOTAL					X						X			X						2	>50<100	X	76	79							LAKE SUPERIOR	211
BENTHOS	PCB'S					X						X			X						2	>50<100	X	76	79							LAKE SUPERIOR	211
BENTHOS	MERCURY-TOTAL					X						X			X						2	>50<100	X	76	79							LAKE SUPERIOR	211
BENTHOS	COPPER					X						X			X						2	>50<100	X	76	79							LAKE SUPERIOR	211
BENTHOS	NICKEL	X				X						X			X						2	>50<100	X	76	79							LAKE SUPERIOR	211
BENTHOS	LEAD	X				X						X			X						2	>50<100	X	76	79							LAKE SUPERIOR	211
FISHES-FRESHWATER N	DDT-TOTAL		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE ERIE	211
FISHES-FRESHWATER N	PCB'S		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE ERIE	211
FISHES-FRESHWATER N	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE ERIE	211
FISHES-FRESHWATER N	COPPER		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE ERIE	211
FISHES-FRESHWATER N	NICKEL	X	X	X	X	X			X						X					2	4	>100	X	76	79							LAKE ERIE	211
FISHES-FRESHWATER N	LEAD	X	X	X	X	X			X						X					2	4	>100	X	76	79							LAKE ERIE	211
FISHES-FRESHWATER N	DDT-TOTAL		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE SUPERIOR	211
FISHES-FRESHWATER N	PCB'S		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE SUPERIOR	211
FISHES-FRESHWATER N	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE SUPERIOR	211
FISHES-FRESHWATER N	COPPER		X	X	X	X			X						X					2	4	>100	X	76	79							LAKE SUPERIOR	211
FISHES-FRESHWATER N	NICKEL	X	X	X	X	X			X						X					2	4	>100	X	76	79							LAKE SUPERIOR	211
FISHES-FRESHWATER N	LEAD	X	X	X	X	X			X						X					2	4	>100	X	76	79							LAKE SUPERIOR	211
OSMERUS MORDAX	DDT-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
OSMERUS MORDAX	PCB'S		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
OSMERUS MORDAX	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
OSMERUS MORDAX	COPPER		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
OSMERUS MORDAX	NICKEL	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
OSMERUS MORDAX	LEAD	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE ERIE	211
OSMERUS MORDAX	DDT-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
OSMERUS MORDAX	PCB'S		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
OSMERUS MORDAX	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
OSMERUS MORDAX	COPPER		X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
OSMERUS MORDAX	NICKEL	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
OSMERUS MORDAX	LEAD	X	X	X	X	X			X						X					2	4	>60<100	X	76	79							LAKE SUPERIOR	211
PERCA FLAVESCENS	DDT-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE ERIE	211
PERCA FLAVESCENS	PCB'S		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE ERIE	211
PERCA FLAVESCENS	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE ERIE	211
PERCA FLAVESCENS	COPPER		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE ERIE	211
PERCA FLAVESCENS	NICKEL	X	X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE ERIE	211
PERCA FLAVESCENS	LEAD	X	X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE ERIE	211
PERCA FLAVESCENS	DDT-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE SUPERIOR	211
PERCA FLAVESCENS	PCB'S		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE SUPERIOR	211
PERCA FLAVESCENS	MERCURY-TOTAL		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE SUPERIOR	211
PERCA FLAVESCENS	COPPER		X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE SUPERIOR	211
PERCA FLAVESCENS	NICKEL	X	X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE SUPERIOR	211
PERCA FLAVESCENS	LEAD	X	X	X	X	X			X						X					2	4	>60<100	X	76	79	X						LAKE SUPERIOR	211
PLANKTON-PHYTO	DDT-TOTAL											X			X					4	<6	>50<100	X	76	79							LAKE ERIE	211

DATE 771208 INSTITUTE(K54) GREAT LAKES BIOLIMNOLOGY LABORATORY CANADA
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
875 QUEEN ST.EAST
SAULT STE MARIE,ONTARIO P6A 2B3

PROJECT(C00) - PERSISTENT CONTAMINANTS DATA VALID AS OF 19/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FRMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	CONRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTCN-PHYTO	PCB'S										X				X					4	<6	>50<100	X	76	79							LAKE ERIE	211
PLANKTON-PHYTO	MERCURY-TOTAL										X				X					4	<6	>50<100	X	76	79							LAKE ERIE	211
PLANKTON-PHYTO	COPPER										X				X					4	<6	>50<100	X	76	79							LAKE ERIE	211
PLANKTON-PHYTO	NICKEL	X									X				X					4	<6	>50<100	X	76	79							LAKE ERIE	211
PLANKTON-PHYTO	LEAD	X									X				X					4	<6	>50<100	X	76	79							LAKE ERIE	211
PLANKTON-PHYTO	DDT-TOTAL										X				X					4	<6	>50<100	X	76	79							LAKE SUPERIOR	211
PLANKTON-PHYTO	PCB'S										X				X					4	<6	>50<100	X	76	79							LAKE SUPERIOR	211
PLANKTON-PHYTO	MERCURY-TOTAL										X				X					4	<6	>50<100	X	76	79							LAKE SUPERIOR	211
PLANKTON-PHYTO	COPPER										X				X					4	<6	>50<100	X	76	79							LAKE SUPERIOR	211
PLANKTON-PHYTO	NICKEL	X									X				X					4	<6	>50<100	X	76	79							LAKE SUPERIOR	211
PLANKTON-PHYTO	LEAD	X									X				X					4	<6	>50<100	X	76	79							LAKE SUPERIOR	211
PLANKTCN-ZOO	DDT-TOTAL					X					X				X					8	<6	>100	X	76	79							LAKE ERIE	211
PLANKTON-ZOO	PCB'S					X					X				X					8	<6	>100	X	76	79							LAKE ERIE	211
PLANKTCN-ZOO	MERCURY-TOTAL					X					X				X					8	<6	>100	X	76	79							LAKE ERIE	211
PLANKTCN-ZOO	COPPER					X					X				X					8	<6	>100	X	76	79							LAKE ERIE	211
PLANKTON-ZOO	NICKEL	X				X					X				X					8	<6	>100	X	76	79							LAKE ERIE	211
PLANKTCN-ZOO	LEAD	X				X					X				X					8	<6	>100	X	76	79							LAKE ERIE	211
PLANKTON-ZOO	DDT-TOTAL					X					X				X					8	<6	>100	X	76	79							LAKE SUPERIOR	211
PLANKTON-ZOO	PCB'S					X					X				X					8	<6	>100	X	76	79							LAKE SUPERIOR	211
PLANKTCN-ZOO	MERCURY-TOTAL					X					X				X					8	<6	>100	X	76	79							LAKE SUPERIOR	211
PLANKTON-ZOO	COPPER					X					X				X					8	<6	>100	X	76	79							LAKE SUPERIOR	211
PLANKTON-ZOO	NICKEL	X				X					X				X					8	<6	>100	X	76	79							LAKE SUPERIOR	211
PLANKTCN-ZOO	LEAD	X				X					X				X					8	<6	>100	X	76	79							LAKE SUPERIOR	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K61) UNIVERSITY OF TURKU FINLAND
DEPARTMENT OF BIOCHEMISTRY
20500 TURKU 50

PROJECT(C27) - CHLORINATED HYDROCARBON & METHYL MERCURY MONITORING STUDY DATA VALID AS OF 15/04/77

LEADER REINO R.LINKO TELEPHONE 921-335 TELEX/CABLE 62123TYKSF

FUNDING - NATIONAL CURRENCY 70000 US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	06/71	12/71
OPERATIONAL	01/72	12/76

SUB-PROGRAMME OF OECO

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO MONITOR METHYL MERCURY, DDT & ITS METABOLITES & PCBS IN FISH, PLANKTON (DDT, PCBS) & BIRDS (DDT, PCBS) OBTAINED FROM CERTAIN AREAS OF BALTIC IN THE TURKU ARCHIPELAGO

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMPS	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	DDE-PP	X	X	X					X							X			X	6	3	3		72	72			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	DDE-PP	X	X	X	X				X						X				X	1	1	25		73	75			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	TDE-PP	X	X	X					X							X			X	6	3	3		72	72			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	TDE-PP	X	X	X	X				X						X				X	1	1	25		73	75			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	DDT-PP	X	X	X					X							X			X	6	3	3		72	72			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	DDT-PP	X	X	X	X				X						X				X	1	1	25		73	75			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	PCB'S	X	X	X	X				X						X				X	1	1	25		73	75			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	PCB'S	X	X	X					X							X			X	6	3	3		72	72			X				BALTIC SEA(INCL.	225
CLUPEA HARENGUS	MERCURY-ORGANI		X	X					X							X			X	7	1	1-2		72	72			X				BALTIC SEA(INCL.	225
CORVUS CORONE	DDE-PP	X		X	X				X						X					1	2	6		75	75							BALTIC SEA(INCL.	225
CORVUS CORONE	TDE-PP	X		X	X				X						X					1	2	6		75	75							BALTIC SEA(INCL.	225
CORVUS CORONE	DDT-PP	X		X	X				X						X					1	2	6		75	75							BALTIC SEA(INCL.	225
CORVUS CORONE	PCB'S	X		X	X				X						X					1	2	6		75	75							BALTIC SEA(INCL.	225
ESOX LUCIUS	DDE-PP	X	X	X	X				X						X	X			X	6	3	6		72	72			X				BALTIC SEA(INCL.	225
ESOX LUCIUS	TDE-PP	X	X	X	X				X						X	X			X	6	3	6		72	72			X				BALTIC SEA(INCL.	225
ESOX LUCIUS	DDT-PP	X	X	X	X				X						X	X			X	6	3	6		72	72			X				BALTIC SEA(INCL.	225
ESOX LUCIUS	PCB'S	X	X	X	X				X						X	X			X	6	3	6		72	72			X				BALTIC SEA(INCL.	225
ESOX LUCIUS	MERCURY-ORGANI		X	X	X				X						X	X			X	9	2	3		73	75			X				BALTIC SEA(INCL.	225
GASTEROSTEUS ACULEA	DDE-PP	X							X						X					4	2	2		72	75							BALTIC SEA(INCL.	225
GASTEROSTEUS ACULEA	TDE-PP	X							X						X					4	2	2		72	75							BALTIC SEA(INCL.	225
GASTEROSTEUS ACULEA	DDT-PP	X							X						X					4	2	2		72	75							BALTIC SEA(INCL.	225
GASTEROSTEUS ACULEA	PCB'S	X							X						X					4	2	2		72	75							BALTIC SEA(INCL.	225
PLANKTON	DDE-PP	X							X						X					4	3	7		72	76			X				BALTIC SEA(INCL.	225
PLANKTON	TDE-PP	X							X						X					4	3	7		72	76			X				BALTIC SEA(INCL.	225
PLANKTON	DDT-PP	X							X						X					4	3	7		72	76			X				BALTIC SEA(INCL.	225
PLANKTCN	PCB'S	X							X						X					4	3	7		72	76			X				BALTIC SEA(INCL.	225
STERNA PARADISEA	DDE-PP	X		X	X				X						X					3	2	8		73	75							BALTIC SEA(INCL.	225
STERNA PARADISEA	TDE-PP	X		X	X				X						X					3	2	8		73	75							BALTIC SEA(INCL.	225
STERNA PARADISEA	DDT-PP	X		X	X				X						X					3	2	8		73	75							BALTIC SEA(INCL.	225
STERNA PARADISEA	PCB'S	X		X	X				X						X					3	2	8		73	75							BALTIC SEA(INCL.	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ENVIRONMENTAL POLLUTION 7(3)SS.193-207,1974 ETC.

PROJECT(C85) - ENVIRONMENTAL QUALITY OF THE LOWER FRASER RIVER DATA VALID AS OF 13/05/77

LEADER HALL K.J., NORTHCOTE T.G. TELEPHONE 2284956 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 180000 STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	01/72
OPERATIONAL	01/72	01/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETERMINATION OF TRACE METALS & CHLORINATED HYDROCARBONS IN FISH TISSUE WAS PART OF A COMPREHENSIVE WATER QUALITY MANAGEMENT STUDY CONDUCTED BY THE WESTWATER RESEARCH CENTRE AT UBC ON THE LOWER FRASER RIVER (HOPE STRAIT OF GEORGIA)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACIPENSER FULVESCEN	DIELDRIN	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	DDE-PP	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	DDT-PP	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	CHLORDANE	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	PCB'S	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	HEPTACHLOR EPO	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	MERCURY-TOTAL	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	COPPER	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	ZINC	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
ACIPENSER FULVESCEN	LEAD	X	X	X	X				X						X					14		23		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	DIELDRIN	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	DDE-PP	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	DDT-PP	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	CHLORDANE	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	PCB'S	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	HEPTACHLOR EPO	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	MERCURY-TOTAL	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	COPPER	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	ZINC	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CATOSTOMUS COMMERSO	LEAD	X	X	X	X				X						X					14		33		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	DIELDRIN	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	DDE-PP	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	DDT-PP	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	CHLORDANE	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	PCB'S	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	HEPTACHLOR EPO	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	MERCURY-TOTAL	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	COPPER	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	ZINC	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
CYPRINUS CARPIO	LEAD	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	DIELDRIN	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	DDE-PP	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	DDT-PP	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	CHLORDANE	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	PCB'S	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	HEPTACHLOR EPO	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	MERCURY-TOTAL	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	COPPER	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	ZINC	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
ICTALURUS NEBULOSUS	LEAD	X	X	X					X						X					14		1		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	DIELDRIN	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	DDE-PP	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	DDT-PP	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	CHLORDANE	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	PCB'S	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	HEPTACHLOR EPO	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	MERCURY-TOTAL	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	COPPER	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	ZINC	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
MYLOCHEILUS CAURINU	LEAD	X	X	X					X						X					14		15		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	DIELDRIN	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	DDE-PP	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	DDT-PP	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	CHLORDANE	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	PCB'S	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	HEPTACHLOR EPO	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	MERCURY-TOTAL	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	COPPER	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	ZINC	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS NERKA	LEAD	X	X	X					X						X					14		5		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	DIELDRIN	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	DDE-PP	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	DDT-PP	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	CHLORDANE	X	X	X					X						X					14		2		72	73			X				NORTHERN PACIFIC	212

DATE 771208 INSTITUTE(K66) WESTWATER RESEARCH CENTRE
UNIVERSITY OF BRITISH COLUMBIA
VANCOUVER,BRITISH COLUMBIA
CANADA

PROJECT(C85) - ENVIRONMENTAL QUALITY OF THE LOWER FRASER RIVER   DATA VALID AS OF 13/05/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: FIELD	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA: YR ST	YR EN	PUBLSH	GEOGRAPHIC AREA	WAT COD
ONCORHYNCHUS TSHAWY	PCB'S	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	HEPTACHLOR EPO	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	MERCURY-TOTAL	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	COPPER	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	ZINC	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
ONCORHYNCHUS TSHAWY	LEAD	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	DIELDRIN	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	DDE-PP	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	DDT-PP	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	CHLORDANE	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	PCB'S	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	HEPTACHLOR EPO	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	MERCURY-TOTAL	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	COPPER	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	ZINC	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PROSOPIUM WILLIAMSO	LEAD	X	X	X		X	X	14		8	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	DIELDRIN	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	DDE-PP	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	DDT-PP	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	CHLORDANE	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	PCB'S	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	HEPTACHLOR EPO	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	MERCURY-TOTAL	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	COPPER	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	ZINC	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
PTYCHOCHEILUS OREGO	LEAD	X	X	X		X	X	14		44	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	DIELDRIN	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	DDE-PP	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	DDT-PP	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	CHLORDANE	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	PCB'S	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	HEPTACHLOR EPO	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	MERCURY-TOTAL	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	COPPER	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	ZINC	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO CLARKI	LEAD	X	X	X	X	X	X	14		8	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	DIELDRIN	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	DDE-PP	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	DDT-PP	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	CHLORDANE	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	PCB'S	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	HEPTACHLOR EPO	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	MERCURY-TOTAL	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	COPPER	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	ZINC	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALMO GAIRDNERI	LEAD	X	X	X	X	X	X	14		40	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	DIELDRIN	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	DDE-PP	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	DDT-PP	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	CHLORDANE	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	PCB'S	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	HEPTACHLOR EPO	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	MERCURY-TOTAL	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	COPPER	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	ZINC	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212
SALVELINUS MALMA	LEAD	X	X	X		X	X	14		2	72	73	X	NORTHERN PACIFIC	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K67) ENVIRONMENTAL STUDIES DIV.
WATER INVESTIGATIONS BRANCH
1106 COOK ST.
VICTORIA, B.C.
CANADA

PROJECT(C86) - KOOTENAY STUDY, REGION 8, COLUMBIA RIVER FISH DATA VALID AS OF 10/06/77

LEADER ROCCHINI R.,GREGORY L. TELEPHONE 387-5321 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	05/76	10/76

SUB-PROGRAMME OF PART OF KOOTENAY STUDY

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE WHETHER HEAVY METALS ARE ACCUMULATING IN THE TISSUES OF FISH FROM THE LOWER COLUMBIA RIVER

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CATOSTOMUS MACROCHE	MERCURY-TOTAL	X	X						X						X					3	1	6-10		76	76	X	X					CANADA	212
CATOSTOMUS MACROCHE	ZINC	X	X						X						X					3	1	6-10		76	76	X	X					CANADA	212
CATOSTOMUS MACROCHE	CADMIUM	X	X						X						X					3	1	6-10		76	76	X	X					CANADA	212
CATOSTOMUS MACROCHE	ARSENIC	X	X						X						X					3	1	6-10		76	76	X	X					CANADA	212
CATOSTOMUS MACROCHE	IRON	X	X						X						X					3	1	6-10		76	76	X	X					CANADA	212
CATOSTOMUS MACROCHE	LEAD	X	X						X						X					3	1	6-10		76	76	X	X					CANADA	212
MYLOCHEILUS CAURINU	MERCURY-TOTAL	X	X						X						X					2	1	14		76	76	X	X					CANADA	212
MYLOCHEILUS CAURINU	ZINC	X	X						X						X					2	1	14		76	76	X	X					CANADA	212
MYLOCHEILUS CAURINU	CADMIUM	X	X						X						X					2	1	14		76	76	X	X					CANADA	212
MYLOCHEILUS CAURINU	ARSENIC	X	X						X						X					2	1	14		76	76	X	X					CANADA	212
MYLOCHEILUS CAURINU	IRON	X	X						X						X					2	1	14		76	76	X	X					CANADA	212
MYLOCHEILUS CAURINU	LEAD	X	X						X						X					2	1	14		76	76	X	X					CANADA	212
ONCORHYNCHUS NERKA	MERCURY-TOTAL	X	X	X					X						X				X	3	1	3-13	X	76	76	X	X					CANADA	212
ONCORHYNCHUS NERKA	ZINC	X	X	X					X						X				X	3	1	3-13	X	76	76	X	X					CANADA	212
ONCORHYNCHUS NERKA	CADMIUM	X	X	X					X						X				X	3	1	3-13	X	76	76	X	X					CANADA	212
ONCORHYNCHUS NERKA	ARSENIC	X	X	X					X						X				X	3	1	3-13	X	76	76	X	X					CANADA	212
ONCORHYNCHUS NERKA	IRON	X	X	X					X						X				X	3	1	3-13	X	76	76	X	X					CANADA	212
ONCORHYNCHUS NERKA	LEAD	X	X	X					X						X				X	3	1	3-13	X	76	76	X	X					CANADA	212
PROSOPIUM WILLIAMSO	MERCURY-TOTAL	X	X						X						X				X	3	1	5-14		76	76	X	X					CANADA	212
PROSOPIUM WILLIAMSO	ZINC	X	X						X						X				X	3	1	5-14		76	76	X	X					CANADA	212
PROSOPIUM WILLIAMSO	CADMIUM	X	X						X						X				X	3	1	5-14		76	76	X	X					CANADA	212
PROSOPIUM WILLIAMSO	ARSENIC	X	X						X						X				X	3	1	5-14		76	76	X	X					CANADA	212
PROSOPIUM WILLIAMSO	IRON	X	X						X						X				X	3	1	5-14		76	76	X	X					CANADA	212
PROSOPIUM WILLIAMSO	LEAD	X	X						X						X				X	3	1	5-14		76	76	X	X					CANADA	212
SALMO GAIRDNERI	MERCURY-TOTAL	X	X						X						X					3	1	4-10		76	76	X	X					CANADA	212
SALMO GAIRDNERI	ZINC	X	X						X						X					3	1	4-10		76	76	X	X					CANADA	212
SALMO GAIRDNERI	CADMIUM	X	X						X						X					3	1	4-10		76	76	X	X					CANADA	212
SALMO GAIRDNERI	ARSENIC	X	X						X						X					3	1	4-10		76	76	X	X					CANADA	212
SALMO GAIRDNERI	IRON	X	X						X						X					3	1	4-10		76	76	X	X					CANADA	212
SALMO GAIRDNERI	LEAD	X	X						X						X					3	1	4-10		76	76	X	X					CANADA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K67) ENVIRONMENTAL STUDIES DIV.
WATER INVESTIGATIONS BRANCH
1106 COOK ST.
VICTORIA, B.C.

CANADA

PROJECT(C87) - FRASER RIVER STUDY, REGION 15, FRASER RIVER FISH DATA VALID AS OF 21/06/77

LEADER TELEPHONE 387-5321 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 14000 US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL 03/72 03/73

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

CONTAMINANTS IN FISH TISSUES OF THE LOWER FRASER RIVER A SEMI-INDUSTRIALIZED RIVER

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQUCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FOODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACIPENSER TRANSMONT	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X					
ACIPENSER TRANSMONT	COPPER	X	X	X	X				X						X					14				72	73		X	X					
ACIPENSER TRANSMONT	ZINC	X	X	X	X				X						X					14				72	73		X	X					
ACIPENSER TRANSMONT	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X					
ACIPENSER TRANSMONT	CADMIUM	X	X	X	X				X						X					14				72	73		X	X					
ACIPENSER TRANSMONT	NICKEL	X	X	X	X				X						X					14				72	73		X	X					
ACIPENSER TRANSMONT	LEAD	X	X	X	X				X						X					14				72	73		X	X					
CATOSTOMUS COMMERSO	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS COMMERSO	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS COMMERSO	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS COMMERSO	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS COMMERSO	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS COMMERSO	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS COMMERSO	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CATOSTOMUS MACROCHE	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
COTTUS ASPER	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
CYPRINUS CARPIO	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
LOTA LOTA	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
MYLOCHEILUS CAURINU	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
POMOXIS NIGROMACULA	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PROSOPIUM WILLIAMSO	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212

WATER INVESTIGATIONS BRANCH
1106 COOK ST.
VICTORIA, B.C.

PROJECT(C87) - FRASER RIVER STUDY, REGION 15, FRASER RIVER FISH DATA VALID AS OF 21/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PTYCHOCHEILUS OREGO	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PTYCHOCHEILUS OREGO	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PTYCHOCHEILUS OREGO	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PTYCHOCHEILUS OREGO	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PTYCHOCHEILUS OREGO	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PTYCHOCHEILUS OREGO	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
PTYCHOCHEILUS OREGO	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
RICHARDSONIUS BALTE	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO CLARKI	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALMO GAIRDNERI	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	MERCURY-ORGANI	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	COPPER	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	ZINC	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	CHROMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	CADMIUM	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	NICKEL	X	X	X	X				X						X					14				72	73		X	X				CANADA	212
SALVELINUS MALMA	LEAD	X	X	X	X				X						X					14				72	73		X	X				CANADA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K67) ENVIRONMENTAL STUDIES DIV.
WATER INVESTIGATIONS BRANCH
1106 COOK ST.
VICTORIA, B.C.
CANADA

PROJECT(C88) - HERBICIDE MONITORING MANAGEMENT PROGRAMME DATA VALID AS OF 06/07/77

LEADER NEWROTH P. TELEPHONE 6043875321 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 250000 US DOLLAR EQUIVALENT - STAFF OF 10

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	06/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO DETERMINE THE PERSISTENCE & DISPERSAL OF 2,4-D & OTHER POTENTIAL AQUATIC PLANT CONTROL AGENTS APPLIED AT VARIOUS CONCENTRATIONS & UNDER DIFFERING ENVIRONMENTAL CONDITIONS TO THE AQUATIC PLANT MYRIOPHYLLUM SPICATUM

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BIVALVIA	DDT-TOTAL	X		X					X						X					10	5	50	X	77			X					CANADA	211
BIVALVIA	HERBICIDES	X		X					X						X					10	5	50	X	77			X					CANADA	211
BIVALVIA	PHENOLS	X		X					X						X					10	5	50	X	77			X					CANADA	211
MYRIOPHYLLUM SPICAT	DDT-TOTAL	X		X					X						X					25	5	125	X	77			X					CANADA	211
MYRIOPHYLLUM SPICAT	HERBICIDES	X		X					X						X					25	5	125	X	77			X					CANADA	211
MYRIOPHYLLUM SPICAT	PHENOLS	X		X					X						X					25	5	125	X	77			X					CANADA	211
PLANTS N.E.I.	DDT-TOTAL	X		X					X						X					25	5	125	X	77			X					CANADA	211
PLANTS N.E.I.	HERBICIDES	X		X					X						X					25	5	125	X	77			X					CANADA	211
PLANTS N.E.I.	PHENOLS	X		X					X						X					25	5	125	X	77			X					CANADA	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208   INSTITUTE(K81)   LAKE RESEARCH LABORATORY EAWAG/ETH   SWITZERLAND
CH-6047 KASTANIENBAUM

PROJECT(C45) - MELIMEX   DATA VALID AS OF 07/06/77

LEADER   GACHTER R.,GEIGER W.   TELEPHONE 041   TELEX/CABLE

FUNDING - NATIONAL CURRENCY   US DOLLAR EQUIVALENT -   STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/	CONTINUING

PURPOSE OF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTON-PHYTO	MERCURY-INORGA	X							X		X				X					4	24			77	79	X	X	X	X	X	X	SWITZERLAND	211
PLANKTON-PHYTO	COPPER	X							X		X				X					4	24			77	79	X	X	X	X	X	X	SWITZERLAND	211
PLANKTON-PHYTO	ZINC								X		X				X					4	24			77	79	X	X	X	X	X	X	SWITZERLAND	211
PLANKTON-PHYTO	CADMIUM	X							X		X				X					4	24			77	79	X	X	X	X	X	X	SWITZERLAND	211
PLANKTON-PHYTO	LEAD	X							X		X				X					4	24			77	79	X	X	X	X	X	X	SWITZERLAND	211
PLANKTON-ZOO	MERCURY-INORGA	X							X		X				X					4	24			77	79	X	X	X					
PLANKTON-ZOO	COPPER	X							X		X				X					4	24			77	79	X	X	X					
PLANKTON-ZOO	ZINC								X		X				X					4	24			77	79	X	X	X					
PLANKTON-ZOO	CADMIUM	X							X		X				X					4	24			77	79	X	X	X					
PLANKTON-ZOO	LEAD	X							X		X				X					4	24			77	79	X	X	X					
SCARDINIUS ERYTHROP	MERCURY-INORGA	X	X	X	X	X			X						X						2		X	77	79	X	X	X					
SCARDINIUS ERYTHROP	COPPER	X	X	X	X	X			X						X						2		X	77	79	X	X	X					
SCARDINIUS ERYTHROP	ZINC		X	X	X	X			X						X						2		X	77	79	X	X	X					
SCARDINIUS ERYTHROP	CADMIUM	X	X	X	X	X			X						X						2		X	77	79	X	X	X					
SCARDINIUS ERYTHROP	LEAD	X	X	X	X	X			X						X						2		X	77	79	X	X	X					

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K93) UNIVERSITY OF ADELAIDE AUSTRALIA

DEPARTMENT OF ZOOLOGY
G.P.O. BOX 498
ADELAIDE, 5001

PROJECT(D14) - POTENTIAL OF FRESHWATER MUSSEL, AS BIOLOGICAL MONITOR DATA VALID AS OF 15/06/77

LEADER WARREN JONES TELEPHONE 0852234333 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 400 US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	/77	/
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE HOW USEFUL THE FRESHWATER MUSSEL VELESUNIO AMBIGOUS MIGHT BE AS A BIOLOGICAL MONITOR OF SELECTED HEAVY METALS, PARTICULARLY IN THE RIVER MURRAY. SOURCES OF VARIATION IN THE DYNAMICS OF UPTAKE AND ELIMINATION OF THESE METALS BY MUSSELS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
VELESUNIO AMBIGUUS	ZINC	X		X			X		X						X				X	1	9	200	X	77		X						AUSTRALIA	212
VELESUNIO AMBIGUUS	CADMIUM	X		X			X		X						X				X	1	9	200	X	77		X						AUSTRALIA	212
VELESUNIO AMBIGUUS	IRON	X		X			X		X						X				X	1	9	200	X	77		X						AUSTRALIA	212
VELESUNIO AMBIGUUS	MANGANESE	X		X			X		X						X				X	1	9	200	X	77		X						AUSTRALIA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(K95) MONASH UNIVERSITY AUSTRALIA

ZOOLOGY DEPARTMENT
CLAYTON, VICTORIA, 3168

PROJECT(D27) - MERCURY AND CADMIUM IN CARP AND ESTUARINE FISH DATA VALID AS OF 25/05/77

LEADER SMITH G. TELEPHONE 035410811 TELEX/CABLE MONLIB 31729

FUNDING - NATIONAL CURRENCY 250 US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/77	/79
OPERATIONAL	/77	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE CONCENTRATIONS OF MERCURY AND CADMIUM IN CARP (CYPRINUS CARPIO) & SOME ESTUARINE FISH (EG. EELS, BREAM) IN GIPPSLAND LAKES, AND TO DETERMINE CONCENTRATIONS OF MERCURY AND CADMIUM IN LACUSTRINE AND RIVERINE SEDIMENTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA MY ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CYPRINUS CARPIO	MERCURY-TOTAL	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	211
CYPRINUS CARPIO	CADMIUM	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	211
CYPRINUS CARPIO	MERCURY-TOTAL	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	212
CYPRINUS CARPIO	CADMIUM	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	212
CYPRINUS CARPIO	MERCURY-TOTAL	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	221
CYPRINUS CARPIO	CADMIUM	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	221
CYPRINUS CARPIO	MERCURY-TOTAL	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	231
CYPRINUS CARPIO	CADMIUM	X	X	X	X	X			X						X	X							X					X				SOUTH PACIFIC OC	231

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

M.SC THESIS THEN PAPERS

DATE 771208 INSTITUTE(PA6) STATION MARINE D'ENDOUME ET CENTRE D'OCEANOGRAPHIE FRANCE
RUE BATTERIE DES LIONS
13007 MARSEILLE

PROJECT(109) - PEUPLEMENTS PLANCTONIQUES ET BENTHIQUES DES ZONES POLLUEES DATA VALID AS OF 15/07/75

LEADER PROF. J.M. PERES TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	06/74	12/74
OPERATIONAL	02/75	12/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLCGICAL ACCUMULATORS

PURPOSE OF PRCJECT

DETERMINER LES TENEURS EN POLLUANTS DIVERS DES EAUX ET DES SEDIMENTS POUR ETABLIR DES NORMES DE REJETS INDUSTRIELS ET DOMESTIQUES.
PRECISER LA DYNAMIQUE DES PEUPLEMENTS DES ZONES POLLUEES: PLANKTON/BENTHIQUES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
DIATOMEAE	DDT-PP				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	ORGANOPHOSPHOR				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	PCB'S				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	PHENOLS				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	OIL(BY FLUORES				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	MERCURY-TOTAL				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	COPPER				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	CHROMIUM				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	CADMIUM				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	CYANIDE				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DIATOMEAE	LEAD				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	DDT-PP				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	ORGANOPHOSPHOR				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	PCB'S				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	PHENOLS				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	OIL(BY FLUORES				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	MERCURY-TOTAL				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	COPPER				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	CHROMIUM				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	CADMIUM				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	CYANIDE				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
DINOFLAGELLATA	LEAD				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	DDT-PP				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	ORGANOPHOSPHOR				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	PCB'S				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	PHENOLS				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	OIL(BY FLUORES				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	MERCURY-TOTAL				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	COPPER				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	CHROMIUM				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	CADMIUM				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	CYANIDE				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
FLAGELLATA	LEAD				X			X		33	4			74	75	X	X	X	X			MEDITERRANEAN SE	232
MYTILUS SPP.	DDT-PP				X					6	4			74	75	X	X	X					
MYTILUS SPP.	PCB'S				X					6	4			74	75	X	X	X					
MYTILUS SPP.	MERCURY-TOTAL				X					6	4			74	75	X	X	X					

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

INTERNATIONAL LABORATORY OF MARINE RADIOACTIVITY
MUSEE OCEANOGRAPHIQUE

PROJECT(087) - INTERCALIBRATION AND LIGURIAN SEA BASELINE MEASUREMENT DATA VALID AS OF / /

LEADER DR. T.M. BEASLEY TELEPHONE 302154 TELEX/CABLE 46037F

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /73 /73
OPERATIONAL /73 CONTINUING

SUB-PROGRAMME OF UNEP

PURPOSE OF PROJECT

UNEP PILOT PROJECT TO GAIN INFORMATION ON EXISTING LEVELS OF POLLUTANTS IN SELECTED MEDITERRANEAN SEA REGIONS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQUACLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FOODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
EUPHAUSIA SPP.	DDE-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	TDE-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	DDT-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	DDT-OP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	DDT-TOTAL								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	PCB'S								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	COPPER			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	ZINC			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	CHROMIUM			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	CADMIUM			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	SILVER			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	NICKEL			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	IRON			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	MANGANESE			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	COBALT			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
EUPHAUSIA SPP.	LEAD			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
MYTILUS GALLOPROVIN	DDE-PP								X						X				X	16	4	64	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	TDE-PP								X						X				X	16	4	64	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-PP								X						X				X	16	4	64	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-OP								X						X				X	16	4	64	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-TOTAL								X						X				X	16	4	64	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	PCB'S								X						X				X	16	4	64	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COPPER		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CHROMIUM		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	SILVER		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	NICKEL		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	IRON		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MANGANESE		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COBALT		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD		X	X					X						X				X	15	4	60	X	73	74		X	X				MEDITERRANEAN SE	232
PLANKTON-PHYTO	DDE-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	TDE-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	DDT-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	DDT-OP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	DDT-TOTAL								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	PCB'S								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	COPPER			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	ZINC			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	CHROMIUM			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	CADMIUM			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	SILVER			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	NICKEL			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	IRON			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	MANGANESE			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	COBALT			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-PHYTO	LEAD			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	DDE-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	TDE-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	DDT-PP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	DDT-OP								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	DDT-TOTAL								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	PCB'S								X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	COPPER			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	ZINC			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	CHROMIUM			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	CADMIUM			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	SILVER			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	NICKEL			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	IRON			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	MANGANESE			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	COBALT			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233

PROJECT(087) - INTERCALIBRATION AND LIQURIAN SEA BASELINE MEASUREMENT DATA VALID AS OF / /

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOTED	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTON-ZOO	LEAD			X					X						X					43	1	43	X	74			X	X				MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(PBI) CANCER RESEARCH CENTRE
UNIVERSITY OF BRITISH COLUMBIA
VANCOUVER, BRITISH COLUMBIA
CANADA

PROJECT(012) - USE OF INDICATOR ORGANISMS FOR ENVIRONMENTAL CARCINOGENS DATA VALID AS OF 12/05/75

LEADER H.F. STICH/A. ACTCN TELEPHONE 228-2058 TELEX/CABLE

FUNDING - NATICNAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	04/73	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DESIGN EARLY WARNING SYSTEM FOR CHEMICAL CARCINOGENS IN COASTAL WATERS USED IN AQUACULTURE. ASSESS THE FEASIBILITY OF USING FISH TUMORS FREQUENCY TO MEASURE TOTAL INTEGRATED CARCINOGENIC LOAD. CHECK POLYCYCLIC AROMATIC HYDROCARBONS BY FINGERPRINTING

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATICN METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA GIGAS G	BENZO-A-PYRENE		X	X				X							X		X		X	10	6	60										NORTHERN PACIFIC	230
CRASSOSTREA GIGAS G	HYDROCARBCNS-P		X	X				X							X		X		X	10	6	60										NORTHERN PACIFIC	230
MYTILUS EDULIS	BENZO-A-PYRENE		X	X				X							X				X	110	12	1300		73	78	X						NORTHERN PACIFIC	232
MYTILUS EDULIS	HYDROCARBONS-P		X	X				X							X				X	110	12	1300		73	78	X						NORTHERN PACIFIC	232
PAROPHRYS VETULUS	DISEASES		X	X	X	X						X			X	X			X	25	12	300		73	78	X						NORTHERN PACIFIC	232
PLATICHTHYS STELLAT	DISEASES		X	X	X	X						X			X	X				10	12	120		73	78	X						BEAUFORT SEA	232
PLATICHTHYS STELLAT	DISEASES		X	X	X	X						X			X	X				10	12	120		73	78	X						NORTHERN PACIFIC	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(PB1) FORSCHUNGINSTITUT SENCKENBERG GERMANY, FED. REP. OF
SEKTION FUR LIMNISCHE OKOLOGIE
ABT. ICHTHYOLOGIE
SENKENBERGANLAGE 25
D6000-FRANKFURT/MAIN-1

PROJECT(016) - MAIN/RHEIN FRESHWATER FISH POPULATIONS & SURVIVAL FACTORS DATA VALID AS OF 24/04/75

LEADER LELEK, DR. ANT. TELEPHONE 0611740666 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/70	12/78
OPERATIONAL	01/74	CONTINUING

SUB-PROGRAMME OF NATIONAL COOPERATIVE PROGRAMME

PURPOSE OF PROJECT

PARALLELLY WITH CLASSICAL LIMNOLCGICAL METHODS SHOULD THE STRUCTURE OF FISH POPULATIONS INDICATE THE QUALITY OF ENVIRONMENT, PARTICULARLY WITH RESPECT TO INDUSTRIAL POLLUTICN AND/OR MAN-MADE ENVIRONMENT CHANGES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICE	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CYPRINIDAE	DISEASES		X	X	X	X						X	X		X					15	3	45	X	70	78			X			X	GERMANY	212
CYPRINIDAE	PARASITES		X	X	X	X						X	X		X					15	3	45	X	70	78			X			X	GERMANY	212
CYPRINIDAE	DISEASES		X	X	X	X						X	X		X					15	3	45	X	70	78			X			X	GERMANY	213
CYPRINIDAE	PARASITES		X	X	X	X						X	X		X					15	3	45	X	70	78			X			X	GERMANY	213

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

P.O. BOX 1913
COCHIN-682018

PROJECT(134) - MARINE ENVIRONMENTAL MONITORING IN SW INDIAN COAST DATA VALID AS OF 16/08/77

LEADER UNNITHAN R.V. TELEPHONE 33306 TELEX/CABLE OCEANOLOGY

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/73	12/73
OPERATIONAL	01/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MONITOR PRIORITY POLLUTANTS AND ASSESS EFFECTS ON LIVING AQUATIC RESOURCE, ASSESS MAGNITUDE OF OIL POLLUTION ON THE BEACHES OF KERALA AND ITS POSSIBLE EFFECT UPON MARINE LIFE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BATISSA SPP.	COPPER		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
BATISSA SPP.	ZINC		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
BATISSA SPP.	CADMIUM		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
BATISSA SPP.	LEAD		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
CRASSOSTREA MADRASS	COPPER		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
CRASSOSTREA MADRASS	ZINC		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
CRASSOSTREA MADRASS	CADMIUM		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
CRASSOSTREA MADRASS	ARSENIC		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
CRASSOSTREA MADRASS	LEAD		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
CRASSOSTREA MADRASS	PARASITES		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
CRASSOSTREA MADRASS	BACTERIA		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
ETROPLUS SURATENSIS	COPPER		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
ETROPLUS SURATENSIS	ZINC		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
ETROPLUS SURATENSIS	CADMIUM		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
ETROPLUS SURATENSIS	ARSENIC		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
LAMELLIDENS MARGINA	COPPER		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
LAMELLIDENS MARGINA	ZINC		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
LAMELLIDENS MARGINA	CADMIUM		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
LAMELLIDENS MARGINA	LEAD		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
MERETRIX CASTA	COPPER		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
MERETRIX CASTA	ZINC		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
MERETRIX CASTA	CADMIUM		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
MERETRIX CASTA	LEAD		X	X							X				X				X	1	12	120	X	76					X			ARABIAN SEA	223
METAPENAEUS DOBSONI	COPPER		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
METAPENAEUS DOBSONI	ZINC		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
METAPENAEUS DOBSONI	CADMIUM		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
METAPENAEUS DOBSONI	ARSENIC		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
METAPENAEUS DOBSONI	LEAD		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
METAPENAEUS DOBSONI	PARASITES		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
METAPENAEUS DOBSONI	BACTERIA		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
MUGIL SPP.	COPPER		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MUGIL SPP.	ZINC		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MUGIL SPP.	CADMIUM		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MUGIL SPP.	ARSENIC		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MUGIL SPP.	LEAD		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MUGIL SPP.	PARASITES		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MUGIL SPP.	BACTERIA		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
MYTILUS VIRIDUS	COPPER		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	225
MYTILUS VIRIDUS	ZINC		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	225
MYTILUS VIRIDUS	CADMIUM		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	225
MYTILUS VIRIDUS	ARSENIC		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	225
MYTILUS VIRIDUS	LEAD		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	225
PENAEUS INDICUS	COPPER		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
PENAEUS INDICUS	ZINC		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
PENAEUS INDICUS	CADMIUM		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
PENAEUS INDICUS	ARSENIC		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
PENAEUS INDICUS	LEAD		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
PENAEUS INDICUS	PARASITES		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
PENAEUS INDICUS	BACTERIA		X	X	X				X		X				X				X	7	12	1000	X	74								ARABIAN SEA	223
VELLORITA CYPRINOID	COPPER		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
VELLORITA CYPRINOID	ZINC		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
VELLORITA CYPRINOID	CADMIUM		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
VELLORITA CYPRINOID	ARSENIC		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223
VELLORITA CYPRINOID	LEAD		X	X	X				X		X				X				X	7	12	250	X	74								ARABIAN SEA	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

INDIAN JOURNAL OF MARINE SCIENCE ETC.

DATE 771208 INSTITUTE(PB6) DEPARTMENT OF ZOOLOGY IRELAND

UNIVERSITY COLLEGE
BELFIELD
DUBLIN 4

PROJECT(B38) - MONITORING OF HEAVY METALS IN KILMASTULLA RIVER DATA VALID AS OF 02/03/77

LEADER DR.J.J.BRACKEN TELEPHONE 693244 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	10/75	09/77
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

HEAVY METAL STUDIES IN THE KILMASTULLA RIVER & THEIR POSSIBLE INFLUENCE ON THE FLORA AND FAUNA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
INVERTEBRATES N.E.I	COPPER								X						X					15	12		X	71	75		X					IRELAND	212
INVERTEBRATES N.E.I	ZINC								X						X					15	12		X	71	75		X					IRELAND	212
INVERTEBRATES N.E.I	CADMIUM								X						X					15	12		X	71	75		X					IRELAND	212
INVERTEBRATES N.E.I	LEAD								X						X					15	12		X	71	75		X					IRELAND	212
SALMO TRUTTA	COPPER								X						X					15	12		X	71	75		X					IRELAND	212
SALMO TRUTTA	ZINC								X						X					15	12		X	71	75		X					IRELAND	212
SALMO TRUTTA	CADMIUM								X						X					15	12		X	71	75		X					IRELAND	212
SALMO TRUTTA	LEAD								X						X					15	12		X	71	75		X					IRELAND	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(PB9) LABORATOIRE DES PECHES MARITIMES
BP 22
NOUADHIBOU
MAURITANIA

PROJECT(C04) - DATA VALID AS OF 08/04/77

LEADER BA,JAMET TELEPHONE 21-24 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/72	CONTINUING

PURPOSE OF PROJECT

ETUDE DE LA POLLUTION EN BAIE DU LEVRIER. RECHERCHE DES CONTAMINANTS CHIMIQUES DANS LES PRODUITS DE LA PECHE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CAL BRTD	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: COMERCL	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA: YR ST	GEOGRAPHIC AREA	WAT COD
CEPHALOPODA	BACTERIA		X	X	X				72	NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	MERCURY-TOTAL	X	X	X	X				72	NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	BACTERIA		X	X	X				72	NORTH ATLANTIC O	232
THUNNIDAE	MERCURY-TOTAL	X	X	X	X				72	NORTH ATLANTIC O	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULLETIN DU LAB.DES PECHES DE NOUADHIBOU

DATE 771208 INSTITUTE(PC2) INSTITUUT VOOR VISSERIJPRODUKTEN TNO NETHERLANDS
DOKWEG 37, P.O. BOX 183,
IJMUIDEN

PROJECT(816) - HEAVY METAL POLLUTION OF NORTH SEA FISH DATA VALID AS OF 03/02/77

LEADER DR.A.RUITER TELEPHONE 0255019022 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF 3

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL / CONTINUING

PURPOSE CF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	MERCURY-ORGANI	X							X							X			X													NORTH SEA(INCL.S	233
CLUPEA HARENGUS	MERCURY-TOTAL	X							X							X			X													NORTH SEA(INCL.S	233
CLUPEA HARENGUS	SELENIUM	X							X							X			X													NORTH SEA(INCL.S	233
ESOX LUCIUS	MERCURY-ORGANI	X							X						X																		211
ESOX LUCIUS	MERCURY-TOTAL	X							X						X																		211
ESOX LUCIUS	SELENIUM	X							X						X																		211
GADUS MORHUA	MERCURY-ORGANI	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	MERCURY-TOTAL	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	COPPER	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	ZINC	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	CHROMIUM	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	CADMIUM	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	ARSENIC	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	SELENIUM	X							X							X			X													NORTH SEA(INCL.S	233
GADUS MORHUA	LEAD	X							X							X			X													NORTH SEA(INCL.S	233
LUCIOPERCA FLUVIATI	MERCURY-ORGANI	X							X						X	X			X														211
LUCIOPERCA FLUVIATI	MERCURY-TOTAL	X							X						X	X			X														211
LUCIOPERCA FLUVIATI	SELENIUM	X							X						X	X			X														211
MERLUCCIUS SPP.	MERCURY-ORGANI	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	MERCURY-TOTAL	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	COPPER	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	ZINC	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	CHROMIUM	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	CADMIUM	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	ARSENIC	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	SELENIUM	X							X							X			X													NORTH SEA(INCL.S	233
MERLUCCIUS SPP.	LEAD	X							X							X			X													NORTH SEA(INCL.S	233
MYTILUS EDULIS	MERCURY-ORGANI	X							X							X			X													NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-TOTAL	X							X							X			X													NORTH SEA(INCL.S	232
MYTILUS EDULIS	CADMIUM	X							X							X			X													NORTH SEA(INCL.S	232
MYTILUS EDULIS	SELENIUM	X							X							X			X													NORTH SEA(INCL.S	232
MYTILUS EDULIS	LEAD	X							X							X			X													NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-ORGANI	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	MERCURY-TOTAL	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	COPPER	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ZINC	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CHROMIUM	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CADMIUM	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ARSENIC	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	SELENIUM	X							X							X			X													NORTH SEA(INCL.S	233
PLEURONECTES PLATES	LEAD	X							X							X			X													NORTH SEA(INCL.S	233
SCOMBER SCOMBRUS	MERCURY-ORGANI	X							X							X			X													NORTH SEA(INCL.S	233
SCOMBER SCOMBRUS	MERCURY-TOTAL	X							X							X			X													NORTH SEA(INCL.S	233
SCOMBER SCOMBRUS	SELENIUM	X							X							X			X													NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(PC4) CENTRAAL LABORATORIUM TNO NETHERLANDS
P.O. BOX 217
SCHOENMAKERSTRAAT 97
DELFT

PROJECT(C20) - ECO-TOXICOLOGICAL EFFECTS OF METALS & XENOBIOTICS DATA VALID AS OF 03/03/77

LEADER HUECK H.J. TELEPHONE 015-569330 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 100000 STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	10/70	/
OPERATIONAL	03/71	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO INVESTIGATE CAUSE-EFFECT RELATIONSHIPS BETWEEN CONTAMINANTS IN ABIOTIC COMPONENTS OF MARINE COASTAL & FRESHWATER SYSTEMS IN HOLLAND & THE RESULTING HARM THROUGH BIOACCUMULATICN IN BIOTA BELONGING TO THESE ECOSYSTEMS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FD CHN	OTH BIO	GEOGRAPHIC AREA	WAT COD
																																NETHERLANDS	212
ANODONTA CYGNEA	MERCURY-TOTAL		X	X					X						X					1	1	30		76								NETHERLANDS	212
ARENICOLA MARINA	MERCURY-ORGANI		X	X					X						X					5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
ARENICOLA MARINA	MERCURY-TOTAL		X	X					X						X					5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
ARENICOLA MARINA	COPPER		X	X					X						X					5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
ARENICOLA MARINA	ZINC		X	X					X						X					5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
ASTERIAS RUBENS	MERCURY-ORGANI		X						X						X					8	1	8		74	76							NORTH SEA(INCL.S	233
ASTERIAS RUBENS	MERCURY-TOTAL		X						X						X					8	1	8		74	76							NORTH SEA(INCL.S	233
ASTERIAS RUBENS	COPPER		X						X						X					8	1	8		74	76							NORTH SEA(INCL.S	233
ASTERIAS RUBENS	ZINC		X						X						X					8	1	8		74	76							NORTH SEA(INCL.S	233
DREISSENA POLYMORPH	MERCURY-ORGANI		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	MERCURY-TOTAL		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	COPPER		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	ZINC		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	CHROMIUM		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	CADMIUM		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	ARSENIC		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	211
DREISSENA POLYMORPH	MERCURY-ORGANI		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
DREISSENA POLYMORPH	MERCURY-TOTAL		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
DREISSENA POLYMORPH	COPPER		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
DREISSENA POLYMORPH	ZINC		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
DREISSENA POLYMORPH	CHROMIUM		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
DREISSENA POLYMORPH	CADMIUM		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
DREISSENA POLYMORPH	ARSENIC		X	X					X						X			X		20	2	30		76					X			NETHERLANDS	212
FUCUS VESICULOSUS	MERCURY-ORGANI					X			X						X			X		5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	MERCURY-TOTAL					X			X						X			X		5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	COPPER					X			X						X			X		5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
FUCUS VESICULOSUS	ZINC					X			X						X			X		5	4	40	X	74	75		X					NORTH SEA(INCL.S	232
HAEMATOPUS OSTRALEG	MERCURY-ORGANI				X				X						X					2	1	15		76	76							NORTH SEA(INCL.S	232
HAEMATOPUS OSTRALEG	MERCURY-TOTAL				X				X						X					2	1	15		76	76							NORTH SEA(INCL.S	232
MACOMA BALTICA	MERCURY-ORGANI		X	X					X						X			X		4	5	50	X	74			X					NORTH SEA(INCL.S	232
MACOMA BALTICA	MERCURY-TOTAL		X	X					X						X			X		4	5	50	X	74			X					NORTH SEA(INCL.S	232
MACOMA BALTICA	COPPER		X	X					X						X			X		4	5	50	X	74			X					NORTH SEA(INCL.S	232
MACOMA BALTICA	ZINC		X	X					X						X			X		4	5	50	X	74			X					NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-ORGANI		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-TOTAL		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	232
MYTILUS EDULIS	COPPER		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	232
MYTILUS EDULIS	ZINC		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-ORGANI		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	MERCURY-TOTAL		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	COPPER		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	ZINC		X	X					X						X			X	X	40	5-10	200	X	71			X	X	X			NORTH SEA(INCL.S	233
ZOARCES VIVIPARUS	MERCURY-ORGANI		X	X	X				X						X					2	4	20		74	76							NORTH SEA(INCL.S	232
ZOARCES VIVIPARUS	MERCURY-TOTAL		X	X	X				X						X					2	4	20		74	76							NORTH SEA(INCL.S	232
ZOARCES VIVIPARUS	MERCURY-ORGANI		X	X	X				X						X					1	4	5		74	74							NORTH SEA(INCL.S	232
ZOARCES VIVIPARUS	MERCURY-TOTAL		X	X	X				X						X					1	4	5		74	74							NORTH SEA(INCL.S	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE POLL.BULLETIN-MARINE BIOLOGY-NETH.JOURN. SEA RES.ETC.

DATE 771208 INSTITUTE(P96) DEPARTAMENTO DE OCEANOLOGIA CHILE
UNIVERSIDAD DE CHILE-VALPARAISO
CASILLA 13-D
VINA DEL MAR

PROJECT(D04) - ESTUDIO DE CONTAMINACION EN LA BAHIA DE VALPARAISO-CHILE DATA VALID AS OF 28/07/77

LEADER REYES E.,ALCAZAR F. TELEPHONE 869-20 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 400000 US DOLLAR EQUIVALENT - 20000 STAFF OF 4

PROJECT STATUS START DATE END DATE
PLANNING /78 /
OPERATIONAL /78 CONTINUING

PURPOSE OF PROJECT

CONOCER LOS ASPECTOS HIDROLOGICOS QUE CONDICIONAN LA DISPERSION DE CONTAMINANTES EN LA BAHIA. ESTUDIAR LOS EFECTOS DE LOS CONTAMIN ANTES EN LAS COMUNIDADES MARINAS. UTILIZAR EL CRITERIO BACTERIOLOGICO DE CALIDAD DE LAS AGUAS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE CONTAMINANT C SAMPLE PRESERVATION SAMPLE H NUMB ANNL NUMBER S RAW DATA BIOAS- GEOGRAPHIC WAT
A DESCRPTN METHOD ORIGIN U STNS FREQ /YEAR I SAYS AREA COD
L L W A D N I F S D F A O F C A O M M YR YR C I P T F O
B E E G E C C R A R O L T I O Q T C W ST EN O N U O D T
R N I E V T E O L I R C H E M C H O A M H B X C H
T G G S D Z T E M O E L R L E N T P S L C H B
D T H T E E D L H R D C T R S E E S T N I
H T G N D N L L R P R H Y O

BENTHIC INFAUNA (GE OIL(BY INFRARE X X X X X X 30 6 X 78 X S.E.SOUTH PACIFI 232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REVISTA DE BIOLOGIA MARINA

NATIONAL MARINE FISHERY SERVICE, NOAA
LA JOLLA LABORATORY
P.O. BOX 271
LA JOLLA, CALIFORNIA 92038

PROJECT(065) - MODIFICATION OF FISHERY RESOURCES DATA VALID AS OF 11/06/75

LEADER DR. R. LASKER TELEPHONE 4532820 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DESCRIBE ACCUMULATION OF DDT & ITS METABOLITES IN FISHES ALONG CALIFORNIA COAST. DESCRIBE CHANGE IN DDT IN A MYCTOPHID FISH OVER A 20 YEARS PERIOD

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANOPLOPOMA FIMBRIA	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
ANOPLOPOMA FIMBRIA	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
ANOPLOPOMA FIMBRIA	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
ANOPLOPOMA FIMBRIA	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
CAULCLATILUS PRINCE	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
CAULOLATILUS PRINCE	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
CAULOLATILUS PRINCE	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
CAULOLATILUS PRINCE	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
GENYONEMUS LINEATUS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
GENYONEMUS LINEATUS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
GENYONEMUS LINEATUS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
GENYONEMUS LINEATUS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MERLUCCIUS PRODUCTU	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MERLUCCIUS PRODUCTU	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MERLUCCIUS PRODUCTU	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MERLUCCIUS PRODUCTU	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MICROSTOMUS PACIFIC	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MICROSTOMUS PACIFIC	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MICROSTOMUS PACIFIC	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
MICROSTOMUS PACIFIC	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
OPHIODCN ELCNGATUS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
OPHIODON ELONGATUS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
OPHIODON ELONGATUS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
OPHIODON ELCNGATUS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PARALABRAX NEBULIFE	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PARALABRAX NEBULIFE	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PARALABRAX NEBULIFE	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PARALABRAX NEBULIFE	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PAROPHRYS VETULUS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PAROPHRYS VETULUS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PAROPHRYS VETULUS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
PAROPHRYS VETULUS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDA CHILIENSIS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDA CHILIENSIS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDA CHILIENSIS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDA CHILIENSIS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDINOPS CAERULEA	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDINOPS CAERULEA	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDINOPS CAERULEA	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SARDINOPS CAERULEA	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCOMBER JAPONICUS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCOMBER JAPCNICUS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCOMBER JAPONICUS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCOMBER JAPONICUS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCORPAENA GUTTATA	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCORPAENA GUTTATA	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCORPAENA GUTTATA	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SCORPAENA GUTTATA	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES CONSTELLAT	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES CONSTELLAT	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES CONSTELLAT	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES CONSTELLAT	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MINIATUS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MINIATUS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MINIATUS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MINIATUS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MYSTINIS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MYSTINIS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MYSTINIS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES MYSTINIS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES PAUCISPINI	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES PAUCISPINI	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233

DATE 771208 INSTITUTE(001) SOUTHWEST FISHERIES CENTRE UNITED STATES

NATIONAL MARINE FISHERY SERVICE, NOAA
LA JOLLA LABORATORY
P.O. BOX 271
LA JOLLA, CALIFORNIA 92038

PROJECT(065) - MODIFICATION OF FISHERY RESOURCES DATA VALID AS OF 11/06/75

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	H HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S SIMWATER	RAW DATA MYR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SEBASTES PAUCISPINI	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES PAUCISPINI	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES ROSACEUS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES ROSACEUS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES ROSACEUS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES ROSACEUS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRANOIDE	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRANOIDE	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRANOIDE	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRANOIDE	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRICEPS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRICEPS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRICEPS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SEBASTES SERRICEPS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SQUALUS ACANTHIAS	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SQUALUS ACANTHIAS	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SQUALUS ACANTHIAS	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SQUALUS ACANTHIAS	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
STENOBRACHIUS LEUCO	DDE-PP		X	X									X		X									49	72			X				NORTHERN PACIFIC	233
STENOBRACHIUS LEUCO	TDE-PP		X	X									X		X									49	72			X				NORTHERN PACIFIC	233
STENOBRACHIUS LEUCO	DDT-PP		X	X									X		X									49	72			X				NORTHERN PACIFIC	233
STENOBRACHIUS LEUCO	DDT-TOTAL		X	X									X		X									49	72			X				NORTHERN PACIFIC	233
SYNODUS SPP.	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SYNODUS SPP.	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SYNODUS SPP.	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
SYNODUS SPP.	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
THUNNUS ALBACARES	DDE-PP								X							X								69	70			X				NORTHERN PACIFIC	233
THUNNUS ALBACARES	TDE-PP								X							X								69	70			X				NORTHERN PACIFIC	233
THUNNUS ALBACARES	DDT-PP								X							X								69	70			X				NORTHERN PACIFIC	233
THUNNUS ALBACARES	DDT-TOTAL								X							X								69	70			X				NORTHERN PACIFIC	233
TRACHURUS SYMMETRIC	DDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
TRACHURUS SYMMETRIC	TDE-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
TRACHURUS SYMMETRIC	DDT-PP		X	X			X								X									69	70			X				NORTHERN PACIFIC	233
TRACHURUS SYMMETRIC	DDT-TOTAL		X	X			X								X									69	70			X				NORTHERN PACIFIC	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208   INSTITUTE(R02)   LABORATOIRE D'HYDROBIOLOGIE   IVORY COAST
O.R.S.T.C.M.
B.P. 1434 BOUAKE

PROJECT(B49) - IMPACT DES TRAITEMENTS INSECTICIDES   DATA VALID AS OF 17/03/77

LEADER   C.LEVEQUE,C.DEJOUX   TELEPHONE   TELEX/CABLE

FUNDING - NATIONAL CURRENCY   US DOLLAR EQUIVALENT -   50000 STAFF OF   11

PROJECT STATUS   START DATE   END DATE
PLANNING   /   /
OPERATIONAL   /75 CONTINUING

SUB-PROGRAMME OF OMS

PURPOSE OF PROJECT

DEVENIR DES ECOSYSTEMES LOTIQUES TROPICAUX SOUMIS A DES TRAITEMENTS INSECTICIDES (ORGANOPHOSPHORES) HEBDOMADAIRES ET DE LONGUE DURE E. MISE EN EVIDENCE DE L'IMPACT DES TRAITEMENTS SUR LES GROUPES ANIMAUX OU VEGETAUX (PHYTOPLANCTON) NON CIBLES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	NAT COD
		LBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER	MCONSP				MWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
FISHES-FRESHWATER N	ORGANOPHOSPHOR	X										X			X				X	6				75			X			X		IVORY COAST	212
INVERTEBRATES N.E.I	ORGANOPHOSPHOR	X											X		X					6				75			X		X	X		IVORY COAST	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CAH.ORSTOM.SERIE HYDROB.-RAPPORTS ORSTOM-BOUAKE(RCI)

DATE 771208 INSTITUTE(R10) WATER COUNCIL OF QUEENSLAND AUSTRALIA

P.O. BOX 31
NORTH QUAY
BRISBANE QLD. 4000

PROJECT(118) - IRRIGATION SCHEME MONITORING DATA VALID AS OF 28/04/77

LEADER MOSS A.J. TELEPHONE 224672 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	04/75	/
OPERATIONAL	05/75	CONTINUING

PURPOSE OF PROJECT

TO ASSESS THE EFFECTS OF SPRAYING OF PESTICIDES ON THE IRRIGATED FIELDS ON THE RIVER RECEIVING THE DRAINAGE FROM THESE FIELDS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	LENGTH (SAMPLE DESCRPTN)	WEIGHT	AGE	DEVSTG	NONE (PRESERVATION METHOD)	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	FIELD (SAMPLE ORIGIN)	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER (RAW DATA)	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY (BIOASSAYS)	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FLUVIALOSA EREBI	BHC-ALPHA		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	BHC-GAMMA		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	DIELDRIN		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	DDE-PP		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	TDE-PP		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	DDT-PP		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	DDT-OP		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	DDT-TOTAL		X	X					X						X					8	4	160	X	75								AUSTRALIA	212
FLUVIALOSA EREBI	ENDOSULFAN		X	X					X						X					8	4	160	X	75								AUSTRALIA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(R10) WATER COUNCIL OF QUEENSLAND AUSTRALIA

P.O. BOX 31
NORTH QUAY
BRISBANE QLD. 4000

PROJECT(119) - MORETON BAY MUSSEL PROJECT DATA VALID AS OF 04/08/75

LEADER A.J. MOSS TELEPHONE 246721 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	04/75	/
OPERATIONAL	06/75	CONTINUING

PURPOSE CF PROJECT

ORGANOCHLORINE PESTICIDE RESIDUES, HEAVY METALS, COLIFORM BACTERIA LONGTERM MONITORING IN HAIRY MUSSEL IN MORTON BAY

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CAL BRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICE	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
TRICHOMYA HIRSUTA	BHC-ALPHA		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	BHC-GAMMA		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	DIELDRIN		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	DDE-PP		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	TDE-PP		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	DDT-PP		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	DDT-OP		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	DDT-TOTAL		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	PCB'S		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	MERCURY-TOTAL		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	COPPER		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	ZINC		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	CHROMIUM		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	CADMIUM		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	NICKEL		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	LEAD		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232
TRICHOMYA HIRSUTA	BACTERIA		X						X						X					14	3	126		75								S.W.SOUTH PACIFI	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(R89) DIVISION OF LIMNOLOGY AND ECOLOGY UNITED STATES
THE ACADEMY OF NATURAL SCIENCES
NINETEENTH AND HE PARKWAY, PHILADELPHIA
PENNSYLVANIA 19103

PROJECT(145) - THE PETROLEUM INDUSTRY IN THE DELAWARE ESTUARY DATA VALID AS OF 06/11/75

LEADER DR. RUTH PATRICK/GEN. WM. TELEPHONE LO-7-3700 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	03/74	CONTINUING

SUB-PROGRAMME OF RANN-GI 42282

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE CF PROJECT

TO PROVIDE A SCIENTIFIC BASIS FOR EVALUATING THE TRADEOFFS AVAILABLE TO SOCIETY IN MAKING THE DECISION AS TO THE FUTURE OF THE PETROLEUM REFINING INDUSTRY IN THE DELAWARE ESTUARY-AN IMPORTANT INDUSTRIAL ESTUARY OF THE UNITED STATES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CALLINECTES SAPIDUS	PHENOLS	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	OIL(BY INFRARE		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	OIL(BY FLUORES		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	ALKANES-N-TOTA		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	HYDROCARBCNS-A	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	HYDROCARBONS-P		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	ZINC		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	CHROMIUM	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	CADMIUM		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CALLINECTES SAPIDUS	LEAD		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	PHENOLS	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	OIL(BY INFRARE		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODCN VARIEGAT	OIL(BY FLUORES		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	ALKANES-N-TOTA		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	HYDROCARBONS-A	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	HYDROCARBONS-P		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	ZINC		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	CHROMIUM	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	CADMIUM		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
CYPRINODON VARIEGAT	LEAD		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	PHENOLS	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	OIL(BY INFRARE		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	OIL(BY FLUORES		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	ALKANES-N-TOTA		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	HYDROCARBONS-A	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	HYDROCARBONS-P		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	ZINC		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	CHROMIUM	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	CADMIUM		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
FUNDULUS HETEROCLIT	LEAD		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	PHENOLS	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	OIL(BY INFRARE		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	OIL(BY FLUORES		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	ALKANES-N-TOTA		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	HYDROCARBONS-A	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	HYDROCARBONS-P		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	ZINC		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	CHROMIUM	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	CADMIUM		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
ICTALURUS PUNCTATUS	LEAD		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	PHENOLS	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	OIL(BY INFRARE		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	OIL(BY FLUORES		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	ALKANES-N-TOTA		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	HYDROCARBONS-A	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	HYDROCARBONS-P		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	ZINC		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	CHROMIUM	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	CADMIUM		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
LEPOMIS MACROCHIRUS	LEAD		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMONETES PUGIO	PHENOLS	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMONETES PUGIO	OIL(BY INFRARE		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMONETES PUGIO	OIL(BY FLUORES		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMCNETES PUGIO	ALKANES-N-TOTA		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMONETES PUGIO	HYDROCARBONS-A	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMONETES PUGIO	HYDROCARBONS-P		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMCNETES PUGIO	ZINC		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMONETES PUGIO	CHROMIUM	X	X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMCNETES PUGIO	CADMIUM		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225
PALAEMCNETES PUGIO	LEAD		X	X	X	X	X								X		X					1000	X					X	X	X	X	NORTH ATLANTIC O	225

THE ACADEMY OF NATURAL SCIENCES
NINETEENTH AND THE PARKWAY, PHILADELPHIA
PENNSYLVANIA 19103

PROJECT(145) - THE PETROLEUM INDUSTRY IN THE DELAWARE ESTUARY DATA VALID AS OF 06/11/75

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN (LENGTH WEIGHT AGE DEVEL STG)	PRESERVATION METHOD (NONE ICE FROZEN SOLID DRIED FORMALIN ALCOHOL OTHER)	SAMPLE ORIGIN (FIELD COLLECT AQUA CULTR OTHER)	HUM CONS P	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA (YR ST, YR EN, COMP, INHS, PUBLSH)	BIOAS-SAYS (TOXICTY, FOOD CHAIN, OTHER BIO)	GEOGRAPHIC AREA	WAT COD

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(002) THE SECRETARY
DEPARTMENT OF AGRICULTURE
SYDNEY N.S.W. 2000

AUSTRALIA

PROJECT(A03) - PESTICIDE CONTAMINATION OF THE NAMOI COTTON ENVIRONMENT DATA VALID AS OF 23/02/76

LEADER W.S. GILBERT TELEPHONE 6300251SYD TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/69	/
OPERATIONAL	/69	CONTINUING

SUB-PROGRAMME OF POLLUTION OF COTTON ENVIRONMENTS

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO STUDY PESTICIDE CONTAMINATION OF NON-TARGET AREAS RESULTING FROM LARGE SCALE PERENNIAL APPLICATION OF PERSISTENT CHEMICALS (EG DDT) TO COTTON CROPS IN THE NAMOI VALLEY OF NEW SOUTH WALES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BIDYANUS BIDYANUS	DDT-TOTAL		X	X					X						X					1							X					AUSTRALIA	212
BIDYANUS BIDYANUS	ENDRIN		X	X					X						X					1							X					AUSTRALIA	212
MERETRIX MERETRIX	DDT-TOTAL			X					X						X					1							X					AUSTRALIA	212
MERETRIX MERETRIX	ENDRIN			X					X						X					1							X					AUSTRALIA	212
PLECTROPLITES AMBIG	DDT-TOTAL		X	X					X						X					1							X					AUSTRALIA	212
PLECTROPLITES AMBIG	ENDRIN		X	X					X						X					1							X					AUSTRALIA	212
TANDANUS TANDANUS	DDT-TOTAL		X	X					X						X					1							X					AUSTRALIA	212
TANDANUS TANDANUS	ENDRIN		X	X					X						X					1							X					AUSTRALIA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

INSTITUTE(031) DEPARTMENT OF MARINE SCIENCE THAILAND
FACULTY OF SCIENCE
CHULALONGKORN UNIVERSITY
PHYA THAI ROAD
BANGKOK 5

PROJECT(ZAW) - POLLUTION MONITORING IN THE THAI WATERS DATA VALID AS OF 09/06/77

LEADER MANUWADI HUNGSPREUGS TELEPHONE 2511951 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 1000000 US DOLLAR EQUIVALENT - 50000 STAFF OF 8

PROJECT STATUS START DATE END DATE
PLANNING /72 /73
OPERATIONAL /73 CONTINUING

PURPOSE OF PROJECT

TO IDENTIFY SITUATIONS WHERE THERE IS DANGER OF DAMAGE, PARTICULARLY IRREVERSIBLE. DAMAGE, TO FISHERIES & TO THE MARINE ENVIRONMENT AS A BASIS FOR ACTION TO PREVENT OR ALLEVIATE POLLUTION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ANCHOVIELLA SPP.	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ANCHOVIELLA SPP.	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	DDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	TDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	COPPER	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	ZINC	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	CADMIUM	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
ATROPUS ATROPUS	LEAD	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
AUXIS THAZARD	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
AUXIS THAZARD	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	DDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	TDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	COPPER	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	ZINC	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	CADMIUM	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	IRON	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	MANGANESE	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	LEAD	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX LEPTOLEPIS	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	DDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	TDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	COPPER	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	ZINC	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	CHROMIUM	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	CADMIUM	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	IRON	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	MANGANESE	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	LEAD	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX MALABARICUS	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX OBLONGUS	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX OBLONGUS	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CARANX OBLONGUS	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CHIROCENTRUS DORAB	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CHIROCENTRUS DORAB	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
CHIROCENTRUS DORAB	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	DDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	TDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	COPPER	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	ZINC	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	CHROMIUM	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	CADMIUM	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	IRON	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	MANGANESE	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	LEAD	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
DUSSUMIERIA HASSELT	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
EPINEPHELUS SPP.	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
EPINEPHELUS SPP.	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
EPINEPHELUS SPP.	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
GERRES SPP.	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
GERRES SPP.	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
GERRES SPP.	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
JOHNIUS BELANGERII	DDT-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
JOHNIUS BELANGERII	MERCURY-TOTAL	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
JOHNIUS BELANGERII	PARASITES	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232
LOLIGO SPP.	DDE-PP	X	X X	X	X	X	18	4	40	X	73	X		NORTH INDIAN OCE	232

DATE 771208   INSTITUTE(031)   DEPARTMENT OF MARINE SCIENCE   THAILAND

FACULTY OF SCIENCE
CHULALONGKORN UNIVERSITY
PHYA THAI ROAD
BANGKOK 5

PROJECT(ZAW) - POLLUTION MONITORING IN THE THAI WATERS   DATA VALID AS OF 09/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LOLIGO SPP.	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LOLIGO SPP.	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
LUTJANUS SPP.	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
NEMIPTERUS DELAGOAE	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
PENAEUS SPP.	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
PENAEUS SPP.	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
PENAEUS SPP.	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
PENAEUS SPP.	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
RASTRELLIGER SPP.	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SAURIDA TUMBIL	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SAURIDA TUMBIL	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SAURIDA TUMBIL	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOLOPSIS CANCELLAT	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SCOMBEROMORUS SPP	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	DDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232

DATE 771208 INSTITUTE(031)

DEPARTMENT OF MARINE SCIENCE
FACULTY OF SCIENCE
CHULALONGKORN UNIVERSITY
PHYA THAI ROAD
BANGKOK 5

THAILAND

PROJECT(ZAW) - POLLUTION MONITORING IN THE THAI WATERS

DATA VALID AS OF 09/06/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SEPIA SPP.	TDE-PP	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	COPPER	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	ZINC	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	CHROMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	CADMIUM	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	IRON	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	MANGANESE	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	LEAD	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
SEPIA SPP.	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
TRICHIURUS LEPTURUS	DDT-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
TRICHIURUS LEPTURUS	MERCURY-TOTAL	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232
TRICHIURUS LEPTURUS	PARASITES	X	X	X					X						X				X	18	4	40	X	73			X					NORTH INDIAN OCE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(035) INSTITUTC ANTARTICO ARGENTINO ARGENTINA
CERRITC 1248
BUENOS AIRES

PROJECT(C25) - IMPACTO DEL PETROLEO & IDROCARBUROS DATA VALID AS OF 28/03/77

LEADER BIENATI N.L. TELEPHONE 44-0071 TELEX/CABLE INSTIANTAR

FUNDING - NATIONAL CURRENCY 60000000 US DOLLAR EQUIVALENT - 200000 STAFF CF

PROJECT STATUS START DATE END DATE
PLANNING /76 /
OPERATIONAL /77 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

EVALUACION DE ESTADO ACTUAL EN AGUAS DE SUPERFICIE DEL OCEANO AUSTRAL CON RESPECTO AL CONTENIDO DE HIDROCARBUROS AROMATICOS. IMPACTO EN EL PRIMER NIVEL TROFICO POR PETROLEO Y DERIVADOS. FOTOSINTESIS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	OIL(BY FLUORES	X	X	X	X	X	X	X	X			X	X		X		X				1								X	X	X	ANTARCTIC SEAS	233
FISHES-MARINE N.E.I	ALKANES-N-TOTA	X	X	X	X	X	X	X	X			X	X		X		X				1								X	X	X	ANTARCTIC SEAS	233
FISHES-MARINE N.E.I	HYDROCARBONS-A	X	X	X	X	X	X	X	X			X	X		X		X				1								X	X	X	ANTARCTIC SEAS	233
PATINIGERA POLARIS	OIL(BY FLUORES	X	X	X	X	X	X	X	X			X	X								1								X	X	X	ANTARCTIC SEAS	233
PATINIGERA POLARIS	ALKANES-N-TOTA	X	X	X	X	X	X	X	X			X	X								1								X	X	X	ANTARCTIC SEAS	233
PATINIGERA POLARIS	HYDROCARBONS-A	X	X	X	X	X	X	X	X			X	X								1								X	X	X	ANTARCTIC SEAS	233
PLANKTON-PHYTO	OIL(BY FLUORES	X	X	X	X	X	X	X	X			X	X		X		X				1							X	X	X	X	ANTARCTIC SEAS	230
PLANKTON-PHYTO	ALKANES-N-TOTA	X	X	X	X	X	X	X	X			X	X		X		X				1							X	X	X	X	ANTARCTIC SEAS	230
PLANKTON-PHYTO	HYDROCARBONS-A	X	X	X	X	X	X	X	X			X	X		X		X				1							X	X	X	X	ANTARCTIC SEAS	230
PLANKTCN-ZOO	OIL(BY FLUORES	X	X	X	X	X	X	X	X			X	X		X		X				1								X	X	X	ANTARCTIC SEAS	232
PLANKTCN-ZOO	ALKANES-N-TOTA	X	X	X	X	X	X	X	X			X	X		X		X				1								X	X	X	ANTARCTIC SEAS	232
PLANKTON-ZOO	HYDROCARBONS-A	X	X	X	X	X	X	X	X			X	X		X		X				1								X	X	X	ANTARCTIC SEAS	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CONTRIBUCIONES CIENTIFICAS DEL INST.ANTARTICO ARGENTINO

DATE 771208 INSTITUTE(041)

UNIVERSITY OF NEW SOUTH WALES
SCHOOL OF FOOD TECHNOLOGY
P.O. BOX 1
KENSINGTON, N.S.W. 2033

AUSTRALIA

PROJECT(C65) - PUBLIC HEALTH MICROBIOLOGY OF THE SYDNEY ROCK OYSTER ETC. DATA VALID AS OF 22/04/77

LEADER FLEET G.H.,BUCKLE K.A. TELEPHONE 02-6630351 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/77	/
OPERATIONAL	/78	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO DETERMINE, OVER 2-3 YEARS, FACTORS AFFECTING MICROBIAL CONTAMINATION OF SYDNEY ROCK OYSTER (CRASSOSTREA COMMERCIALIS). TO SURVEY POLLUTION OF OYSTERS FROM TWO MAJOR GROWING AREAS. TO STUDY DEPURATION OF CONTAMINATED OYSTERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
		LBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER	MCONSP				MWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
CRASSOSTREA COMMERC	BACTERIA						X		X						X	X			X	10	12	120	X	69			X	X				S.W.SOUTH PACIFI	223
CRASSOSTREA COMMERC	OTHER MICROORG						X		X						X	X			X	10	12	120	X	69			X	X				S.W.SOUTH PACIFI	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FOOD TECHN.IN AUSTRALIA-INTERN.MICROBIOLOGY JOURNALS ETC.

DATE 771208 INSTITUTE(042) C.S.I.R.O. AUSTRALIA
DIVISION OF FISHERIES AND OCEANOGRAPHY
P.O. BOX 21
CRONULLA, N.S.W. 2230

PROJECT(085) - TRACE METAL ACCUMULATION RESULTING FROM OCEAN DUMPING DATA VALID AS OF 27/06/75

LEADER G. MAJOR TELEPHONE 5236222 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/75
OPERATIONAL	/73	/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

STUDY HEAVY METALS IN RELATION TO ECOLOGICAL & OCEANOGRAPHICAL FEATURES OF THE AUSTRALIAN REGION RESULTS WILL PROVIDE THE BASIS FOR ADVICE TO MANAGEMENT OF MONITORING

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTON-PHYTO	MERCURY-INORGA	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-PHYTO	MERCURY-TOTAL	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-PHYTO	COPPER	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-PHYTO	ZINC	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-PHYTO	CADMIUM	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-PHYTO	LEAD	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-ZOO	MERCURY-INORGA	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-ZOO	MERCURY-TOTAL	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-ZOO	COPPER	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-ZOO	ZINC	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-ZOO	CADMIUM	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233
PLANKTON-ZOO	LEAD	X												X	X					2	2	400		74	75		X					S.W.SOUTH PACIFI	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(043)

DEPARTMENT OF ZOOLOGY
UNIVERSITY OF TASMANIA
BOX 252 C, G.P.O.
HOBART 7001

AUSTRALIA

PROJECT(123) - EFFECTS OF CADMIUM ON FRESHWATER INVERTEBRATES DATA VALID AS OF 06/09/77

LEADER DRS LAKE & SWAIN TELEPHONE 23-0561 TELEX/CABLE 58150

FUNDING - NATIONAL CURRENCY 25000 US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	/	12/74
OPERATIONAL	01/74	06/77

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ASCERTAIN THE EFFECTS OF CADMIUM ON FRESHWATER INVERTEBRATES ESPECIALLY CRUSTACEANS AT A PHYSIOLOGICAL/ANATOMICAL/BEHAVIOURAL LE VEL AND TO INVESTIGATE ENVIRONMENTAL FACTORS WHICH MAY ALTER THE TOXICITY OF CADMIUM.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOAS-SAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
AUSTOCHILTCNIA AUST	CADMIUM	X	X	X	X	X	X								X			X					X						X		X	AUSTRALIA	212
PARATYA TASMANIENSI	CADMIUM	X	X			X	X								X								X						X		X	AUSTRALIA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(047) DEPARTMENT OF SCIENCE AUSTRALIA
P.O. BOX 449
WODEN, A.C.T. 2606

PROJECT(131) - MERCURY IN FISH DATA VALID AS OF 06/08/75

LEADER AUSTRALIAN GOVERNMENT ANAL TELEPHONE 832414 TELEX/CABLE AUSCI AA 62484

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	01/71
OPERATIONAL	01/71	CONTINUING

PROJECT HAS AN INSPECTION/REGULATORY FUNCTION

PURPOSE OF PROJECT

IMPORTED/DOMESTIC FISH HAVE BEEN ANALYSED TO DETERMINE MERCURY CONTENT TO ASSIST WITH THE SETTING OF A MAXIMUM LIMIT FOR MERCURY IN FISH FOR HUMAN CONSUMPTION, 91 SPECIES WITH 1500 RESULTS ARE PRESENTLY AVAILABLE

DETAILS OF DATA COLLECTION/STORAGE

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HOST SUBSTANCE      CONTAMINANT     C SAMPLE   PRESERVATION     SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC        WAT
                                    A DESCRPTN METHOD           ORIGIN  U STNS FREQ  /YEAR I              SAYS  AREA              COD
                                    L  L W A D N I F S D F A O  F C A O M                  M YR YR C I P  T F O
                                    B  E E G E C C R A R O L T  I O Q T C                  W ST EN O N U  O D T
                                    R  N I E V T E O L I R C H  E M C H O                  A       M H B  X C H
                                    T  G G   S   D Z T E M O E  L R L E N                  T       P S L  C H B
                                    D  T H   T     E E D L H R  D C T R S                  E         E S  T N I
                                       H T   G     N D   N L      L R   P                  R           H  Y   O

FISHES-MARINE N.E.I MERCURY-TOTAL   X                                X     X          200  71        X         SOUTH PACIFIC OC 233
FISHES-MARINE N.E.I MERCURY-TOTAL   X                                X     X          200  71        X         SOUTH INDIAN OCE 233
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JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(048) DEPARTMENT OF FISHERIES AUSTRALIA
BOX 1191 G.P.O.
ADELAIDE 5001 S.A.

PROJECT(138) - CHEMICAL ANALYSIS OF AQUATIC ORGANISMS IN UPPER SPENCER GULF DATA VALID AS OF 27/10/75

LEADER SCORESBY SHEPHERD TELEPHONE 2284811 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/75
OPERATIONAL	/75 CONTINUING	

SUB-PROGRAMME OF AQ/EC/UP/SP/GU

PURPOSE OF PROJECT

DETERMINE THE EFFECTS OF VARIOUS INDUSTRIAL COMPLEXES IN THE AREA. DETERMINE EFFECTS OF INCREASES IN HEAVY METALS/PHOSPHATES ON ANIMAL/PLANT COMMUNITIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ARRIPIS GEORGIANUS	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
ARRIPIS GEORGIANUS	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
ARRIPIS GEORGIANUS	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
ARRIPIS GEORGIANUS	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
ARRIPIS GEORGIANUS	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
ARRIPIS GEORGIANUS	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
ARRIPIS GEORGIANUS	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
AUSTRALUZZA NOVAEHO	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	ORGANOPHOSPHOR	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	MERCURY-TOTAL	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	COPPER	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	ZINC	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	CADMIUM	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	ARSENIC	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHELIDONICHTHYS KUM	LEAD	X	X	X		X			X						X					1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
CHRYSOPHRYS UNICOLO	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HELOTES SEXLINEATUS	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
HEMIRAMPHUS MELANCH	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PLATYCEPHALUS BASSE	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
PSEUDORHOMBUS JENYO	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
RHOMBOSOLEA TAPIPIN	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233

DATE 771208 INSTITUTE(048) DEPARTMENT OF FISHERIES
BOX 1191 G.P.C.
ADELAIDE 5001 S.A.
AUSTRALIA

PROJECT(138) - CHEMICAL ANALYSIS OF AQUATIC ORGANISMS IN UPPER SPENCER GULF DATA VALID AS OF 27/10/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SILLAGO BASSENSIS	ORGANOPHOSPHOR	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
SILLAGO BASSENSIS	MERCURY-TOTAL	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
SILLAGO BASSENSIS	COPPER	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
SILLAGO BASSENSIS	ZINC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
SILLAGO BASSENSIS	CADMIUM	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
SILLAGO BASSENSIS	ARSENIC	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233
SILLAGO BASSENSIS	LEAD	X	X	X		X			X						X				X	1	12	12		75			X					SOUTH INDIAN OCE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(050) N.S.W. STATE FISHERIES AUSTRALIA
211 KENT ST.
SYDNEY,N.S.W.2000

PROJECT(DC5) - HEAVY METALS, SELENIUM & ARSENIC IN NINE SPECIES OF FISH DATA VALID AS OF 29/04/77

LEADER ROB WILLIAMS TELEPHONE 02-20529 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 30000 STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/76
OPERATIONAL	/74	/77

PURPOSE OF PROJECT

TO INVESTIGATE THE LEVELS OF HEAVY METALS IN SOME COMMERCIAL FISH IN NEW SOUTH WALES COASTAL WATERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACANTHOPAGRUS AUSTR	MERCURY-INORGA	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	MERCURY-ORGANI	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	MERCURY-TOTAL	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	COPPER	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	ZINC	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	CADMIUM	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	ARSENIC	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ACANTHOPAGRUS AUSTR	SELENIUM	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	MERCURY-INORGA	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	MERCURY-ORGANI	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	MERCURY-TOTAL	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	COPPER	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	ZINC	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	CADMIUM	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	ARSENIC	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
ARRIPIS TRUTTA	SELENIUM	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	MERCURY-INORGA	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	MERCURY-ORGANI	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	MERCURY-TOTAL	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	COPPER	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	ZINC	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	CADMIUM	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	ARSENIC	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
CHRYSOPHRYS AURATA	SELENIUM	X	X	X					X						X				X	3	1	30		75	75							S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	MERCURY-INORGA	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	MERCURY-ORGANI	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	MERCURY-TOTAL	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	COPPER	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	ZINC	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	CADMIUM	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	ARSENIC	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
MUGIL CEPHALUS	SELENIUM	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	MERCURY-INORGA	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	MERCURY-ORGANI	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	MERCURY-TOTAL	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	COPPER	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	ZINC	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	CADMIUM	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	ARSENIC	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
PLATYCEPHALUS FUSCU	SELENIUM	X	X	X					X						X				X	3	1	30		75	75			X				S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	MERCURY-INORGA	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	MERCURY-ORGANI	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	MERCURY-TOTAL	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	COPPER	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	ZINC	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	CADMIUM	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	ARSENIC	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
POMATOMUS SALTATRIX	SELENIUM	X	X	X					X						X				X	3	1	27		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	MERCURY-INORGA	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	MERCURY-ORGANI	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	MERCURY-TOTAL	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	COPPER	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	ZINC	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	CADMIUM	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	ARSENIC	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SCIAENA ANTARCTICA	SELENIUM	X	X	X					X						X				X	3	1	23		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	MERCURY-INORGA	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	MERCURY-ORGANI	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	MERCURY-TOTAL	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	COPPER	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	ZINC	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	CADMIUM	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	ARSENIC	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
SERIOLA GRANDIS	SELENIUM	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	MERCURY-INORGA	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225

DATE 771208 INSTITUTE(050) N.S.W. STATE FISHERIES AUSTRALIA
211 KENT ST.
SYDNEY,N.S.W.2000

PROJECT(D05) - HEAVY METALS, SELENIUM & ARSENIC IN NINE SPECIES OF FISH DATA VALID AS OF 29/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
THUNNUS ALBACARES	MERCURY-ORGANI	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	MERCURY-TOTAL	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	COPPER	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	ZINC	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	CADMIUM	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	ARSENIC	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225
THUNNUS ALBACARES	SELENIUM	X	X	X					X						X				X	3	1	20		75	75							S.W.SOUTH PACIFI	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH

DATE 771208 INSTITUTE(050) N.S.W. STATE FISHERIES AUSTRALIA
211 KENT ST.
SYDNEY,N.S.W.2000

PROJECT(D06) - HEAVY METALS IN CULTIVATED OYSTERS FROM ESTUARIES DATA VALID AS OF 04/05/77

LEADER ROBERT WILLIAMS TELEPHONE 02-20529 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 30000 STAFF CF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/73
OPERATIONAL	/73	/75

PURPOSE OF PROJECT

DETERMINE THE CONCENTRATION OF METALS IN OYSTERS FROM ESTUARIES OF NEW S/WALES TO ASSESS HEALTH RISKS TO CONSUMERS. INVESTIGATE THE RELATIONSHIP BETWEEN OYSTER AGE & METAL CONCENTRATION.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN: FIELD	COMMCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA COMMERC	COPPER	X		X	X				X								X		X	19	1	49		73	74			X				S.W.SOUTH PACIFI	223
CRASSOSTREA COMMERC	ZINC	X		X	X				X								X		X	19	1	49		73	74			X				S.W.SOUTH PACIFI	223
CRASSOSTREA COMMERC	CADMIUM	X		X	X				X								X		X	19	1	49		73	74			X				S.W.SOUTH PACIFI	223
CRASSOSTREA COMMERC	ARSENIC	X		X	X				X								X		X	19	1	49		73	74			X				S.W.SOUTH PACIFI	223
CRASSOSTREA COMMERC	LEAD	X		X	X				X								X		X	19	1	49		73	74			X				S.W.SOUTH PACIFI	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH

DATE 771208 INSTITUTE(058) I.R.C. BELGIUM
MOLENSTRAAT 5
1980 TERVUREN

PROJECT(835) - ETUDE DE LA CONTAMINATION DES POISSONS ET CRUSTACES MARINS DATA VALID AS OF 11/02/77

LEADER IR.R.VANDERSTAPPEN TELEPHONE 02-7675301 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS START DATE END DATE
PLANNING 01/75 /
OPERATIONAL 01/75 CONTINUING

SUB-PROGRAMME OF D.G.RECH.AGRI.,MIN.AGRICULTURE

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETERMINATION DES TENEURS ET DE LA DISPERSION DES METAUX LOURDS DANS LES POISSONS, CRUSTACES ET AUTRES ORGANISMES. ETUDE SYSTEMATIQUE DE LA CONTAMINATION DES PRODUITS DE LA PECHE BELGE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICE	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
AMMODYTES TOBIANUS	MERCURY-ORGANI		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
AMMODYTES TOBIANUS	MERCURY-TOTAL		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
AMMODYTES TOBIANUS	COPPER		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
AMMODYTES TOBIANUS	ZINC		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
AMMODYTES TOBIANUS	CADMIUM		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
AMMODYTES TOBIANUS	LEAD		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	MERCURY-ORGANI		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	MERCURY-TOTAL		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	COPPER		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	ZINC		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	CHROMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	CADMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	LEAD		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
MYTILUS SPP.	MERCURY-ORGANI								X						X					5	4	20		75	76		X	X				NORTH SEA(INCL.S	232
MYTILUS SPP.	MERCURY-TOTAL								X						X					5	4	20		75	76		X	X				NORTH SEA(INCL.S	232
MYTILUS SPP.	COPPER								X						X					5	4	20		75	76		X	X				NORTH SEA(INCL.S	232
MYTILUS SPP.	ZINC								X						X					5	4	20		75	76		X	X				NORTH SEA(INCL.S	232
MYTILUS SPP.	CADMIUM								X						X					5	4	20		75	76		X	X				NORTH SEA(INCL.S	232
MYTILUS SPP.	LEAD								X						X					5	4	20		75	76		X	X				NORTH SEA(INCL.S	232
ONOS MUSTELA	MERCURY-ORGANI		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
ONOS MUSTELA	MERCURY-TOTAL		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
ONOS MUSTELA	COPPER		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
ONOS MUSTELA	ZINC		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
ONOS MUSTELA	CHROMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
ONOS MUSTELA	CADMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
ONOS MUSTELA	LEAD		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	MERCURY-ORGANI		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	MERCURY-TOTAL		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	COPPER		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	ZINC		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	CHROMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	CADMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLATICHTHYS FLESUS	LEAD		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	MERCURY-ORGANI		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	MERCURY-TOTAL		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	COPPER		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ZINC		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CHROMIUM		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CADMIUM		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	LEAD		X	X	X				X						X				X	1	2	50		76			X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	MERCURY-ORGANI		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	MERCURY-TOTAL		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	COPPER		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	ZINC		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	CHROMIUM		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	CADMIUM		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	LEAD		X	X	X				X							X			X	2	2	50		76			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	MERCURY-ORGANI		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
SOLEA VULGARIS	MERCURY-TOTAL		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
SOLEA VULGARIS	COPPER		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
SOLEA VULGARIS	ZINC		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
SOLEA VULGARIS	CHROMIUM		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
SOLEA VULGARIS	CADMIUM		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
SOLEA VULGARIS	LEAD		X	X	X				X							X			X	2	2	50		76			X					IRISH SEA	233
TRACHURUS TRACHURUS	MERCURY-ORGANI		X	X	X				X						X					1	1	10		76	76		X	X				NORTH SEA(INCL.S	233
TRACHURUS TRACHURUS	MERCURY-TOTAL		X	X	X				X						X					1	1	10		76	76		X	X				NORTH SEA(INCL.S	233
TRACHURUS TRACHURUS	COPPER		X	X	X				X						X					1	1	10		76	76		X	X				NORTH SEA(INCL.S	233
TRACHURUS TRACHURUS	ZINC		X	X	X				X						X					1	1	10		76	76		X	X				NORTH SEA(INCL.S	233
TRACHURUS TRACHURUS	CADMIUM		X	X	X				X						X					1	1	10		76	76		X	X				NORTH SEA(INCL.S	233
TRACHURUS TRACHURUS	LEAD		X	X	X				X						X					1	1	10		76	76		X	X				NORTH SEA(INCL.S	233
TRIGLA LUCERNA	MERCURY-ORGANI		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
TRIGLA LUCERNA	MERCURY-TOTAL		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233

DATE 771208 INSTITUTE(058) I.R.C.
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BELGIUM

PROJECT(B35) - ETUDE DE LA CONTAMINATION DES POISSONS ET CRUSTACES MARINS DATA VALID AS OF 11/02/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
TRIGLA LUCERNA	COPPER		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
TRIGLA LUCERNA	ZINC		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
TRIGLA LUCERNA	CADMIUM		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
TRIGLA LUCERNA	LEAD		X	X	X				X						X					1	1	10		75	75		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	MERCURY-ORGANI		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	MERCURY-TOTAL		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	COPPER		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	ZINC		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	CHROMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	CADMIUM		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233
TRISOPTERUS (=GADUS	LEAD		X	X	X				X						X					1	1	10		75	76		X	X				NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RAPPORTS ANNUELS I.R.C-MINISTERE AGRICULTURE ETC.

DATE 771208 INSTITUTE(058) I.R.C.
MOLENSTRAAT 5
1980 TERVUREN
BELGIUM

PROJECT(101) - ETUDE DE LA CONTAMINATION DES POISSONS ET CRUSTACES MARINS DATA VALID AS OF /04/77

LEADER DR. P. HERMAN TELEPHONE 027675301 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING 09/71 /
OPERATIONAL 09/71 CONTINUING

SUB-PROGRAMME OF ICES/OECD

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETERMINATION DES TENEURS ET DISPERSIONS DES METAUX LOURDS, PCB, PESTICIDES ET AUTRES POLLUANTS DANS LA CHAINE ALIMENTAIRE MARINE Y COMPRIS POISSONS, CRUSTACES & AUTRES ORGANISMES. ETUDE SYSTEMATIQUE DE LA CONTAMINATION DES PRODUITS DE LA PECHE BELGE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	BHC-GAMMA	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DIELDRIN	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDE-PP	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	TDE-PP	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	PCB'S	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	MERCURY-ORGANI	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	COPPER	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	ZINC	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	CADMIUM	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	LEAD	X	X	X	X				X						X					2	1	50		73	75	X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	MERCURY-ORGANI	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	MERCURY-TOTAL	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	COPPER	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	ZINC	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	CADMIUM	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	LEAD	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	BHC-GAMMA	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	DIELDRIN	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	DDE-PP	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	TDE-PP	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
CRANGON CRANGON	PCB'S	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	BHC-GAMMA	X	X	X	X			X							X	X				1	2	75		72	75	X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	DIELDRIN	X	X	X	X			X							X	X				1	2	75		72	75	X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	DDE-PP	X	X	X	X			X							X	X				1	2	75		72	75	X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	TDE-PP	X	X	X	X			X							X	X				1	2	75		72	75	X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	PCB'S	X	X	X	X			X							X	X				1	2	75		72	75	X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	MERCURY-ORGANI	X	X	X	X			X							X	X				1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	MERCURY-TOTAL	X	X	X	X			X							X	X				1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	COPPER	X	X	X	X			X							X	X				1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	ZINC	X	X	X	X			X							X	X				1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	CADMIUM	X	X	X	X			X							X	X				1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
GADUS MORHUA	LEAD	X	X	X	X			X							X	X				1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	MERCURY-ORGANI	X	X	X	X				X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	MERCURY-TOTAL	X	X	X	X				X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	COPPER	X	X	X	X				X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	ZINC	X	X	X	X				X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	CADMIUM	X	X	X	X				X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	LEAD	X	X	X	X				X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	BHC-GAMMA	X	X	X	X			X							X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	DIELDRIN	X	X	X	X			X							X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	DDE-PP	X	X	X	X			X							X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	TDE-PP	X	X	X	X			X							X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
MERLANGIUS MERLANGU	PCB'S	X	X	X	X			X							X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	BHC-GAMMA	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	DIELDRIN	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	DDE-PP	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	TDE-PP	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	PCB'S	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	MERCURY-ORGANI	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	MERCURY-TOTAL	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	COPPER	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	ZINC	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	CADMIUM	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	LEAD	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
PLEURONECTES PLATES	BHC-GAMMA	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DIELDRIN	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDE-PP	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	TDE-PP	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	PCB'S	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	MERCURY-ORGANI	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	MERCURY-TOTAL	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233

PROJECT(101) - ETUDE DE LA CONTAMINATION DES POISSONS ET CRUSTACES MARINS DATA VALID AS OF /04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIWATER	RAW DATA YR ST.	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLEURONECTES PLATES	COPPER	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ZINC	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CADMIUM	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	LEAD	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	BHC-GAMMA	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	DIELDRIN	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	DDE-PP	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	TDE-PP	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	PCB'S	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	MERCURY-ORGANI	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	MERCURY-TOTAL	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	COPPER	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	ZINC	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	CADMIUM	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
PLEURONECTES PLATES	LEAD	X	X	X	X			X							X	X			X	1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	BHC-GAMMA	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	DIELDRIN	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	DDE-PP	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	TDE-PP	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	PCB'S	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	MERCURY-ORGANI	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	MERCURY-TOTAL	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	COPPER	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	ZINC	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	CADMIUM	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	LEAD	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH ATLANTIC O	233
SOLEA VULGARIS	BHC-GAMMA	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	DIELDRIN	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	DDE-PP	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	TDE-PP	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	PCB'S	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	MERCURY-ORGANI	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	MERCURY-TOTAL	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	COPPER	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	ZINC	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	CADMIUM	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	LEAD	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				NORTH SEA(INCL.S	233
SOLEA VULGARIS	BHC-GAMMA	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	DIELDRIN	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	DDE-PP	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	TDE-PP	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	PCB'S	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	MERCURY-ORGANI	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	MERCURY-TOTAL	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	COPPER	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	ZINC	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	CADMIUM	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SOLEA VULGARIS	LEAD	X	X	X	X			X							X	X				1	2	150		72	75	X	X	X				IRISH SEA	233
SPRATTUS SPRATTUS	BHC-GAMMA	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	DIELDRIN	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	DDE-PP	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	TDE-PP	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	PCB'S	X							X						X					1	2	50		72	75	X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	MERCURY-ORGANI	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	MERCURY-TOTAL	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	COPPER	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	ZINC	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	CADMIUM	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233
SPRATTUS SPRATTUS	LEAD	X							X						X					1	2	50		72		X	X	X				NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(060) LABORATOIRE DE MORPHOLOGIE SYSTEMATIQUE BELGIUM
ET ECOLOGIE ANIMALES
UNIVERSITE DE LIEGE
QUAI VAN BENEDEN, 22
4020 LIEGE

PROJECT(C01) - ACCUMULATION DU MERCURE PAR LES POISSONS DE RIVIERE DATA VALID AS OF 18/04/77

LEADER FOUASSIN,PHILIPPART TELEPHONE 041-434918 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF 5

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/72
OPERATIONAL	/73	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

ETUDE DE LA CONCENTRATION DES METAUX TOXIQUES PAR LES POISSONS DE RIVIERE EN FONCTION DU DEGRE DE CONTAMINATION DE LA RIVIERE,DE L'ESPECE,DE L'AGE ET DU SEXE DES POISSONS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMALN	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQUACULTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHBS	PUBLSH	BIOASSAYS TOXICTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	MERCURY-TOTAL	X	X	X				X							X				X	3	1	4		73	74		X					BELGIUM	212
BARBUS BARBUS	MERCURY-TOTAL	X	X	X	X			X							X				X	4	2	50		73	74		X					BELGIUM	212
CHONDROSTOMA NASUS	MERCURY-TOTAL	X	X	X	X			X							X				X	4	2	12		73	74		X					BELGIUM	212
ESOX LUCIUS	MERCURY-TOTAL	X	X	X				X							X				X	3	2	7		73	74		X					BELGIUM	212
GOBIO GOBIO	MERCURY-TOTAL	X	X	X	X			X							X				X	1	2	10		73	74		X					BELGIUM	212
LEUCISCUS CEPHALUS	MERCURY-TOTAL	X	X	X	X			X							X				X	4	2	25		73	74		X					BELGIUM	212
LEUCISCUS LEUCISCUS	MERCURY-TOTAL	X	X	X	X			X							X				X	4	2	25		73	74		X					BELGIUM	212
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X	X	X			X							X				X	3	2	15		73	74		X					BELGIUM	212
RUTILUS RUTILUS	MERCURY-TOTAL	X	X	X	X			X							X				X	3	2	10		73	74		X					BELGIUM	212
SALMO TRUTTA FARIO	MERCURY-TOTAL	X	X	X				X							X				X	2	2	20		73	74		X					BELGIUM	212
THYMALLUS THYMALLUS	MERCURY-TOTAL	X	X	X	X			X							X				X	4	2	10		73	74		X					BELGIUM	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(068) BERMUDA BIOLOGICAL STATION FOR RESEARCH INC. BERMUDA
ST. GEORGE'S WEST

PROJECT(078) - HYDROCARBON POLLUTION OF ROCKY SHORE BIOTA DATA VALID AS OF 20/06/75

LEADER DR. ADAM ZSOLNAY TELEPHONE 71880 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	09/74	06/76

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

SEE IF HYDROCARBONS (FROM TAR) HAVE AN EFFECT UPON OR ARE ACCUMULATED BY THE ROCKY SHORE BIOTA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE.	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ALGAE N.E.I.	OIL(BY GLC)	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
ALGAE N.E.I.	ALKANES-N-TOTA	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
ALGAE N.E.I.	HYDROCARBONS-P			X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
ALGAE-MACRO	OIL(BY GLC)	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
ALGAE-MACRO	ALKANES-N-TOTA	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
ALGAE-MACRO	HYDROCARBONS-P			X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
BRACIDONTES SPP.	OIL(BY GLC)	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
BRACIDONTES SPP.	ALKANES-N-TOTA	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
BRACIDONTES SPP.	HYDROCARBONS-P			X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
CHITON SPP.	OIL(BY GLC)	X	X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
CHITON SPP.	ALKANES-N-TOTA	X	X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
CHITON SPP.	HYDROCARBONS-P		X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
CHTHAMALUS SPP.	OIL(BY GLC)	X	X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
CHTHAMALUS SPP.	ALKANES-N-TOTA	X	X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
CHTHAMALUS SPP.	HYDROCARBONS-P		X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
FISSURELLA SPP.	OIL(BY GLC)	X	X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
FISSURELLA SPP.	ALKANES-N-TOTA	X	X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
FISSURELLA SPP.	HYDROCARBONS-P		X	X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
NERITA SPP.	OIL(BY GLC)	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
NERITA SPP.	ALKANES-N-TOTA	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
NERITA SPP.	HYDROCARBONS-P			X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
NODILITTORINA SPP	OIL(BY GLC)	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
NODILITTORINA SPP	ALKANES-N-TOTA	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
NODILITTORINA SPP	HYDROCARBONS-P			X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
VERMETIDAE	OIL(BY GLC)	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
VERMETIDAE	ALKANES-N-TOTA	X		X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232
VERMETIDAE	HYDROCARBONS-P			X					X						X					6	4			74	76		X					NORTH ATLANTIC	O 232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(068) BERMUDA BIOLOGICAL STATION FOR RESEARCH INC. BERMUDA
ST. GEORGE'S WEST

PROJECT(137) - PETROLEUM HYDROCARBONS IN PELAGIC MARINE ORGANISMS DATA VALID AS OF 09/10/75

LEADER BYRON MORRIS TELEPHONE 8092971880 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/72	CONTINUING

SUB-PROGRAMME OF IDOE

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ASSESS THE LEVELS OF PETROLEUM HYDROCARBONS IN SARGASSUM FAUNA/FLORA AND IN ZOOPLANKTON AND TO DETERMINE IF THERE IS ANY FOOD WEB MAGNIFICATION.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY'	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
EUPHAUSIIDAE	ALKANES-N-TOTA	X		X					X						X					3		3		75			X					NORTH ATLANTIC	O 233
MYCTOPHIDAE	ALKANES-N-TOTA	X		X					X						X					3		3		75			X					NORTH ATLANTIC	O 233
PLANKTON-ZOO	ALKANES-N-TOTA	X		X					X						X					3		3		75			X					NORTH ATLANTIC	O 233
SARGASSUM FUVITANS	ALKANES-N-TOTA	X		X					X						X					50	10			72			X					NORTH ATLANTIC	O 233
SARGASSUM NATANS	ALKANES-N-TOTA	X		X					X						X					50	10			72			X					NORTH ATLANTIC	O 233
SARGASSUM SPP.	ALKANES-N-TOTA	X		X					X						X					50	10			72			X					NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(070) MARINE SCIENCES RESEARCH LABORATORY
MEMORIAL UNIVERSITY OF NEWFOUNDLAND
ST. JOHN'S, NEWFOUNDLAND
CANADA

PROJECT(107) - STUDIES ON COPPER AND ZINC CONCENTRATIONS IN WINTER FLOUNDER DATA VALID AS OF 04/07/75

LEADER GARTH L. FLETCHER TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/
OPERATIONAL	/72	CONTINUING

PURPOSE OF PROJECT

TO ESTABLISH NORMAL SEASONAL CHANGES IN THE CONCENTRATION OF CU / ZN IN AN 'UNCCNTAMINATED' BAY AND THEN COMPARE THE RESULTS WITH SAMPLES OBTAINED FROM CONTAMINATED AREAS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PSEUDOPLEUBCNECTES	COPPER	X	X	X	X			X	X						X				X	1	12	180		72			X					NORTH ATLANTIC O	232
PSEUDOPLEURONECTES	ZINC	X	X	X	X			X	X						X				X	1	12	180		72			X					NORTH ATLANTIC O	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(072) BIOLOGICAL STATION CANADA
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
3 WATER STREET EAST
ST.JOHN'S,NEWFOUNDLAND A1C 1A1

PROJECT(117) - INDUCTION OF ARYL HYDROXYLASES BY PETROLEUM HYDROCARBONS DATA VALID AS OF 05/08/75

LEADER W.R. PENROSE & J.F. PAYNE TELEPHONE 7097265330 TELEX/CABLE 0164693

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	04/73	06/74
OPERATIONAL	08/73	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

INVESTIGATE POTENTIAL OF ARYL HYDROXYLASES AS INDICATORS OF EXPOSURE OF FISH TO PETROLEUM. INVESTIGATE PHYSIOLOGICAL CONSEQUENCES OF ARYL HYDROXYLASE INDUCTION

DETAILS OF DATA COLLECTION/STORAGE

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HOST SUBSTANCE      CONTAMINANT     C SAMPLE   PRESERVATION     SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC    WAT
                                    A DESCRPTN METHOD           ORIGIN  U STNS FREQ  /YEAR I              SAYS   AREA          COD
                                    L  L W A D N I F S D F A O  F C A O M                  M YR YR C I P  T F O
                                    B  E E G E O C R A R O L T  I O Q T C                  W ST EN O N U  O D T
                                    R  N I E V T E O L I R C H  E M C H O                  A       M H B  X C H
                                    T  G G   S   D Z T E M O E  L R L E N                  T       P S L  C H B
                                    D  T H   T     E E D L H R  D C T R S                  E         E S  T N I
                                       H T   G     N D   N L      L R   P                  R           H  Y   O

SALMO GAIRDNERI     HYDROCARBONS-P     X                    X     X                           73              CANADA        212
SALMO TRUTTA        OIL(BY FLUORES     X                    X     X             1          X  73              CANADA        211
SALMO TRUTTA        HYDROCARBONS-P     X                    X     X             1          X  73              CANADA        211
```

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(073)

HALIFAX LABORATORY
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
P.O. BOX 429
HALIFAX,NOVA SCOTIA B3J 2R3

CANADA

PROJECT(C03) - POLLUTION MONITORING-WEST ATLANTIC COAST OF CANADA DATA VALID AS OF 04/04/77

LEADER UTHE J.F. TELEPHONE 9024266250 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 60000 STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/76	CONTINUING

SUB-PROGRAMME OF ICES

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DEFINE STATUS OF POLLUTANTS IN MARINE RESOURCE. IDENTIFY NEW CONTAMINANTS. ASSESS WELL-BEING OF RESOURCE. ASSESS IMPACT ON COMMERCI AL FISHERIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHS	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	DDT-TOTAL		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	MIREX		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	PCB'S		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	HEXACHLORBENZE		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	MERCURY-TOTAL		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	COPPER		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	CADMIUM		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	ARSENIC		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	SELENIUM		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
GADUS MORHUA	LEAD		X	X	X	X			X						X				X	4	1	1		75			X					NORTH ATLANTIC	O 233
HOMARUS AMERICANUS	CADMIUM		X	X					X						X					28	1	1		73	75			X				NORTH ATLANTIC	O 233
HOMARUS AMERICANUS	ARSENIC		X	X					X						X					28	1	1		73	75			X				NORTH ATLANTIC	O 233
HOMARUS AMERICANUS	SELENIUM		X	X					X						X					28	1	1		73	75			X				NORTH ATLANTIC	O 233
MYTILUS EDULIS	DDT-TOTAL			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	MIREX			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	PCB'S			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	HEXACHLORBENZE			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	MERCURY-TOTAL			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	COPPER			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	CADMIUM			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	ARSENIC			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	SELENIUM			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233
MYTILUS EDULIS	LEAD			X					X						X					12	1	1		76			X					NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ICES STATUTORY MEETINGS-SCIENTIFIC PUBLICATIONS

DATE 771208 INSTITUTE(078) PACIFIC ENVINRONMENT INSTITUTE CANADA
FISHERIES AND MARINE SERVICE
FISHERIES RESEARCH BOARD OF CANADA
DEPARTMENT OF THE ENVIRONMENT
WEST VANCOUVER,BRITISH COLUMBIA V7V 1N6

PROJECT(114) - PCLLUTANT CHEMISTRY DATA VALID AS OF 14/07/75

LEADER DR.J.H.ROGERS TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/73
OPERATIONAL	/71	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

UPTAKE/RETENTION OF MERCURY BY CRAB, UPTAKE/RETENTICN OF OTHER CONTAMINANTS BY OTHER SPECIES EFFECT OF KRAFT PULPMILL EFFLUENT IN I MPARTING TAINT TO EULACHONS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATICN METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						MYRST	YREN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
ANISOGAMMARUS CONFE	COPPER	X					X								X																	SOUTH ATLANTIC	O 232
CANCER MAGISTER	MERCURY-INORGA	X					X									X																SOUTH ATLANTIC	O 232
CRASSOSTREA GIGAS G	BORON						X								X																	SOUTH ATLANTIC	O 232
ONCORHYNCHUS NERKA	BORON						X											X														SOUTH ATLANTIC	O 232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(081) ATOMIC ENERGY OF CANADA LTD. CANADA
CHALK RIVER NUCLEAR LABORATORIES
BIOLOGY AND HEALTH PHYSICS DIVISION
CHALK RIVER, ONTARIO KOJ 1JO

PROJECT(C89) - AQUATIC RADIO ECOLOGY STUDIES DATA VALID AS OF 23/06/75

LEADER I.L. OPHEL TELEPHONE 6875581 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /61 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

STUDY FATE OF BIOLOGICALLY IMPORTANT RADIONUCLIDES IN AQUATIC ECOSYSTEMS TO PROVIDE INFORMATION FOR CONTROL OF RADIOACTIVE WASTE DISCHARGES TO THE ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN PIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
HYBOPSIS PLUMBEA	GAMMA ACTIVITY	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
HYBOPSIS PLUMBEA	SR-90	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
HYBOPSIS PLUMBEA	CO-60	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
HYBOPSIS PLUMBEA	BETA ACTIVITY-	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
ICTALURUS NEBULOSUS	GAMMA ACTIVITY	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
ICTALURUS NEBULOSUS	SR-90	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
ICTALURUS NEBULOSUS	CO-60	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
ICTALURUS NEBULOSUS	BETA ACTIVITY-	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
LEPOMIS GIBBOSUS	GAMMA ACTIVITY	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
LEPOMIS GIBBOSUS	SR-90	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
LEPOMIS GIBBOSUS	CO-60	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
LEPOMIS GIBBOSUS	BETA ACTIVITY-	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
PERCA FLAVESCENS	GAMMA ACTIVITY	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
PERCA FLAVESCENS	SR-90	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
PERCA FLAVESCENS	CO-60	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
PERCA FLAVESCENS	BETA ACTIVITY-	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
PIMEPHALES PROMELAS	GAMMA ACTIVITY	X	X	X			X								X					5	1	10		61				X	X			CANADA	211
PIMEPHALES PROMELAS	SR-90	X	X	X			X								X					5	1	10		61				X	X			CANADA	211
PIMEPHALES PROMELAS	CO-60	X	X	X			X								X					5	1	10		61				X	X			CANADA	211
PIMEPHALES PROMELAS	BETA ACTIVITY-	X	X	X			X								X					5	1	10		61				X	X			CANADA	211
SEMOTILUS MARGARITA	GAMMA ACTIVITY	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
SEMOTILUS MARGARITA	SR-90	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
SEMOTILUS MARGARITA	CO-60	X	X	X			X								X					5	1	10		61				X		X		CANADA	211
SEMOTILUS MARGARITA	BETA ACTIVITY-	X	X	X			X								X					5	1	10		61				X		X		CANADA	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(082) GREAT LAKES BIOLIMNOLOGY LABORATORY CANADA
CANADA CENTRE FOR INLAND WATERS
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
867 LAKESHORE ROAD
P.O. BOX 5050
BURLINGTON,ONTARIO L7R 4A6

PROJECT(C53) - GREAT LAKES CONTAMINANTS SURVEILLANCE DATA VALID AS OF 31/03/77

LEADER WHITTLE D.M. TELEPHONE 4166374567 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	04/76	03/77
OPERATIONAL	04/77	CONTINUING

SUB-PROGRAMME OF I.J.C.

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO SURVEY THE CONCENTRATION OF CONTAMINANTS IN SELECTED SPECIES OF GREAT LAKES FISH AND OTHER BIOTA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
INVERTEBRATES N.E.I	DIELDRIN	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	DDE-PP	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	TDE-PP	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	DDT-PP	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	DDT-OP	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	DDT-TOTAL	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	ENDOSULFAN	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	HALOGENATED AR	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	MERCURY-TOTAL	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	COPPER	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	ZINC	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	CHROMIUM	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	CADMIUM	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	ARSENIC	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	ANTIMONY			X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	NICKEL	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	SELENIUM	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	LEAD	X		X					X					X	X					10	1	100		77								LAKE ERIE	211
INVERTEBRATES N.E.I	DIELDRIN	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	DDE-PP	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	TDE-PP	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	DDT-PP	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	DDT-OP	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	DDT-TOTAL	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	ENDOSULFAN	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	HALOGENATED AR	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	MERCURY-TOTAL	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	COPPER	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	ZINC	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	CHROMIUM	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	CADMIUM	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	ARSENIC	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	ANTIMONY			X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	NICKEL	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	SELENIUM	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
INVERTEBRATES N.E.I	LEAD	X		X					X					X	X					10	1	100		77								LAKE ONTARIO	211
OSMERUS MORDAX	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
OSMERUS MORDAX	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211

CANADA CENTRE FOR INLAND WATERS
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
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PROJECT(C53) - GREAT LAKES CONTAMINANTS SURVEILLANCE

DATA VALID AS OF 31/03/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN L LENGTH	W WEIGHT	A AGE	D DEVSTG	PRESERVATION METHOD N NCTE	I ICED	F FROZEN	S SALTED	D DRIED	F FORMLN	A ALCOHL	O OTHER	SAMPLE ORIGIN F FIELD	C COMRCL	A AQCLTR	O OTHER	H HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S MWATER	RAW DATA YR ST	YR EN	C COMP	I INHSE	P PUBLSH	BIOASSAYS T TOXCTY	P PDCHN	O OTHBIO	GEOGRAPHIC AREA	WAT COD
OSMERUS MORDAX	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MCRDAX	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
OSMERUS MORDAX	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
PERCA FLAVESCENS	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PERCA FLAVESCENS	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
PLANKTON	DIELDRIN	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	DDE-PP	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	TDE-PP	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	DDT-PP	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	DDT-OP	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	DDT-TOTAL	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	ENDOSULFAN	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTCN	HALOGENATED AR	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	MERCURY-TOTAL	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	COPPER	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTCN	ZINC	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	CHROMIUM	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	CADMIUM	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTCN	ARSENIC	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	ANTIMONY			X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	NICKEL	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	SELENIUM	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	LEAD	X		X					X					X	X					17	5	200		77								LAKE ERIE	211
PLANKTON	DIELDRIN	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	DDE-PP	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	TDE-PP	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	DDT-PP	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	DDT-OP	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTCN	DDT-TOTAL	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	ENDOSULFAN	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	HALOGENATED AR	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	MERCURY-TOTAL	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211

DATE 771208 INSTITUTE(082) GREAT LAKES BIOLIMNOLOGY LABORATORY CANADA

CANADA CENTRE FOR INLAND WATERS
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DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
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PROJECT(C53) - GREAT LAKES CONTAMINANTS SURVEILLANCE DATA VALID AS OF 31/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTON	COPPER	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	ZINC	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	CHROMIUM	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	CADMIUM	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	ARSENIC	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	ANTIMONY			X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	NICKEL	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	SELENIUM	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
PLANKTON	LEAD	X		X					X					X	X					17	5	200		77								LAKE ONTARIO	211
SALMO GAIRDNERI	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALMO GAIRDNERI	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALMO GAIRDNERI	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DIELDRIN	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	DDE-PP	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	TDE-PP	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	DDT-PP	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	DDT-OP	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	DDT-TOTAL	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	ENDOSULFAN	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	HALOGENATED AR	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	MERCURY-TOTAL	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	COPPER	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	ZINC	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	CHROMIUM	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	CADMIUM	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	ARSENIC	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	ANTIMONY		X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	NICKEL	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	SELENIUM	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	LEAD	X	X						X					X	X	X			X	17	1	400		77								LAKE ERIE	211
SALVELINUS NAMAYCUS	DIELDRIN	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DDE-PP	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	TDE-PP	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DDT-PP	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DDT-OP	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	DDT-TOTAL	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	ENDOSULFAN	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	HALOGENATED AR	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	MERCURY-TOTAL	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	COPPER	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	ZINC	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	CHROMIUM	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	CADMIUM	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	ARSENIC	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211

DATE 771208 INSTITUTE(082) GREAT LAKES BIOLIMNOLOGY LABORATORY CANADA

CANADA CENTRE FOR INLAND WATERS
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
867 LAKESHORE ROAD
P.O. BOX 5050
BURLINGTON,ONTARIO L7R 4A6

PROJECT(C53) - GREAT LAKES CONTAMINANTS SURVEILLANCE DATA VALID AS OF 31/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SALVELINUS NAMAYCUS	ANTIMONY		X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	NICKEL	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	SELENIUM	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
SALVELINUS NAMAYCUS	LEAD	X	X						X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ERIE	211
STIZOSTEDION VITREU	DIELDRIN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	DDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	TDE-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	DDT-PP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	DDT-OP	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	DDT-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	ENDOSULFAN	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	HALOGENATED AR	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	MERCURY-TOTAL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	COPPER	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	ZINC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	CHROMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	CADMIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	ARSENIC	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	ANTIMONY		X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	NICKEL	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	SELENIUM	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211
STIZOSTEDION VITREU	LEAD	X	X	X	X	X			X					X	X	X			X	17	1	400		77								LAKE ONTARIO	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REPORTS OF IJC SURVEILLANCE SUBCOMMITTEE&THE IJC WAT.QUAL.BOARD

DATE 771208 INSTITUTE(095) BIOLOGICAL STATION CANADA
FISHERIES AND MARINE SERVICE
DEPARTMENT OF FISHERIES AND THE ENVIRONMENT
ST. ANDREWS, NEW BRUNSWICK E0G 2X0

PROJECT(073) - CHEMICALS IN THE ENVIROMENT DATA VALID AS OF 02/05/77

LEADER ZITKO V. TELEPHONE 5298854 TELEX/CABLE 014/47264

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATICNAL 06/68 CONTINUING

SUB-PROGRAMME OF OECD

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

BASIC RESEARCH IN THE FIELD OF ENVIRONMENTAL CCCURENCE, BEHAVIOUR, AND BIOLOGICAL EFFECTS OF INDUSTRIAL CHEMICALS, ECONOMIC POISONS AND TRACE INORGANIC. PARASITE RESEARCH IS FISHERIES ORIENTED (POTENTIAL STOCK IDENTIFICATION, ETC.)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BUCCINUM UNDATUM	OIL(BY FLUORES						X		X						X					3	2	20		74			X	X				NORTH ATLANTIC O	232
BUCCINUM UNDATUM	HYDROCARBONS-P						X		X						X					3	2	20		74			X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	BHC-ALPHA	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	BHC-GAMMA	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	DIELDRIN	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	DDE-PP	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	TDE-PP	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	DDT-PP	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	DDT-OP	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	DDT-TOTAL	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	PCB'S	X	X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	PCT'S		X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	PCP		X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
CLUPEA HARENGUS	HALOGENATED AR		X	X	X	X			X							X			X	3	1	70		71	75		X	X				NORTH ATLANTIC O	232
GADUS MORHUA	DISEASES		X	X					X						X					25	4	1000		76		X						NORTH ATLANTIC O	233
INVERTEBRATES N.E.I	PYRENE		X	X			X		X						X					2-3	4			77			X					NORTH ATLANTIC O	232
INVERTEBRATES N.E.I	FENORANTHENE		X	X			X		X						X					2-3	4			77			X					NORTH ATLANTIC O	232
LITTORINA LITTOREA	OIL(BY FLUORES						X		X						X					3	2	20		74			X	X				NORTH ATLANTIC O	232
LITTORINA LITTOREA	HYDROCARBONS-P						X		X						X					3	2	20		74			X	X				NORTH ATLANTIC O	232
MELANOGRAMMUS AEGLE	DISEASES		X	X					X						X					25	4	1000		76		X						NORTH ATLANTIC O	233
MYA ARENARIA	OIL(BY FLUORES						X		X						X					3	2	30		74			X	X				NORTH ATLANTIC O	232
MYA ARENARIA	HYDROCARBONS-P						X		X						X					3	2	30		74			X	X				NORTH ATLANTIC O	232
MYTILUS EDULIS	OIL(BY FLUORES						X		X						X					3	2	20		74			X	X				NORTH ATLANTIC O	232
MYTILUS EDULIS	HYDROCARBCNS-P						X		X						X					3	2	20		74			X	X				NORTH ATLANTIC O	232
PSEUDOPLEURONECTES	OIL(BY FLUORES								X						X					2	1	10		74			X	X				NORTH ATLANTIC O	232
PSEUDOPLEURONECTES	HYDROCARBONS-P								X						X					2	1	10		74			X	X				NORTH ATLANTIC O	232
PSEUDOPLEURONECTES	PARASITES		X	X					X						X					1	12	600		74		X						NORTH ATLANTIC O	232
RAJA ERINACEA	PARASITES		X	X		X			X			X			X					1	12	300		75	76	X						NORTH ATLANTIC O	232
SALMO SALAR	BHC-ALPHA	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	BHC-ALPHA	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	BHC-GAMMA	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	BHC-GAMMA	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DIELDRIN	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DIELDRIN	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDE-PP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDE-PP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	TDE-PP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	TDE-PP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDT-PP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDT-PP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDT-OP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDT-OP	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDT-TOTAL	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	DDT-TOTAL	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	PCB'S	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	PCB'S	X	X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	PCT'S		X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	PCT'S		X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	PCP		X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	PCP		X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	HALOGENATED AR		X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212
SALMO SALAR	HALOGENATED AR		X	X	X	X			X			X			X		X			3	1	30		71			X	X	X	X	X	CANADA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULL. ENVIRON. CONTAM. TOXICOL. ETC.

NEWFOUNDLAND REGION
FISHERIES AND MARINE SERVICE
DEPARTMENT OF THE ENVIRONMENT
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND

PROJECT(135) - HAZARDOUS ELEMENTS IN COMMERCIAL SPECIES OFF NEWFOUNDLAND DATA VALID AS OF 16/07/75

LEADER KEITH SPENCER TELEPHONE 7097267330 TELEX/CABLE 016-4698

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	04/71
OPERATIONAL	05/71	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS
PROJECT HAS AN INSPECTION/REGULATORY FUNCTION

PURPOSE OF PROJECT

ESTABLISH BASELINE LEVELS OF HAZARDOUS ELEMENTS IN COMMERCIAL AQUATIC SPECIES INTENDED FOR HUMAN CONSUMPTION AND TO MONITOR THOSE SPECIES WHICH EXCEED MAXIMUM ALLOWABLE LEVELS W.R.T. EXISTING CANADIAN FOOD AND DRUG REGULATIONS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICE	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANARHICHAS SPP	MERCURY-TOTAL	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	COPPER	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	ZINC	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	CHROMIUM	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	CADMIUM	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	ARSENIC	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	SELENIUM			X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANARHICHAS SPP	LEAD	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA ROSTRATA	MERCURY-TOTAL	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA BCSTRATA	COPPER	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA ROSTRATA	ZINC	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA ROSTRATA	CHROMIUM	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA BCSTRATA	CADMIUM	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA ROSTRATA	ARSENIC	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA BCSTRATA	SELENIUM			X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
ANGUILLA ROSTRATA	LEAD	X		X					X							X			X	7	1	10		71			X					NORTH ATLANTIC	O 233
BALAENOPTERA PHYSAL	MERCURY-TOTAL	X	X						X							X			X	1	1	11		71			X					NORTH ATLANTIC	O 233
BALAENOPTERA PHYSAL	COPPER	X	X						X							X			X	1	1	11		71			X					NORTH ATLANTIC	O 233
BALAENOPTERA PHYSAL	ZINC	X	X						X							X			X	1	1	11		71			X					NORTH ATLANTIC	O 233
BALAENOPTERA PHYSAL	CADMIUM	X	X						X							X			X	1	1	11		71			X					NORTH ATLANTIC	O 233
BALAENCPTERA PHYSAL	ARSENIC	X	X						X							X			X	1	1	11		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	MERCURY-TOTAL	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	COPPER	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	ZINC	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	CHROMIUM	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHICNOECETES OPILIO	CADMIUM	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	ARSENIC	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	SELENIUM								X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHIONOECETES OPILIO	LEAD	X							X							X			X	5	1	3		71			X					NORTH ATLANTIC	O 233
CHLAMYS ISLANDICA	MERCURY-TOTAL	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CHLAMYS ISLANDICA	COPPER	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CHLAMYS ISLANDICA	ZINC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CHLAMYS ISLANDICA	CADMIUM	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CHLAMYS ISLANDICA	ARSENIC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CLUPEA HARENGUS	MERCURY-TOTAL	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
CLUPEA HARENGUS	COPPER	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
CLUPEA HARENGUS	ZINC	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
CLUPEA HARENGUS	CADMIUM	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
CLUPEA HARENGUS	ARSENIC	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
CLUPEA HARENGUS	SELENIUM			X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
CYCLOPTERUS LUMPUS	MERCURY-TOTAL	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CYCLOPTERUS LUMPUS	COPPER	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CYCLOPTERUS LUMPUS	ZINC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CYCLOPTERUS LUMPUS	CADMIUM	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
CYCLOPTERUS LUMPUS	ARSENIC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MCRHUA	MERCURY-TOTAL	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	COPPER	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	ZINC	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	CHROMIUM	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	CADMIUM	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	ARSENIC	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	SELENIUM			X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GADUS MORHUA	LEAD	X		X					X							X			X	16	1	10		71			X					NORTH ATLANTIC	O 233
GLYPTOCEPHALUS CYNO	MERCURY-TOTAL	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
GLYPTOCEPHALUS CYNO	COPPER	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
GLYPTOCEPHALUS CYNO	ZINC	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
GLYPTOCEPHALUS CYNO	CADMIUM	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
GLYPTOCEPHALUS CYNO	ARSENIC	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
GLYPTOCEPHALUS CYNO	SELENIUM			X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233

DATE 771208 INSTITUTE(096) FISH INSPECTION LABORATORIES CANADA
NEWFOUNDLAND REGION
FISHERIES AND MARINE SERVICE
DEPARTMENT OF THE ENVIRONMENT
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND

PROJECT(135) - HAZARDOUS ELEMENTS IN COMMERCIAL SPECIES OFF NEWFOUNDLAND DATA VALID AS OF 16/07/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQUACLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
HALICHOERUS GRYPUS	MERCURY-TOTAL	X		X					X							X			X	1	1	12		71			X					NORTH ATLANTIC O	233
HALICHOERUS GRYPUS	COPPER	X		X					X							X			X	1	1	12		71			X					NORTH ATLANTIC O	233
HALICHOERUS GRYPUS	ZINC	X		X					X							X			X	1	1	12		71			X					NORTH ATLANTIC O	233
HALICHOERUS GRYPUS	CADMIUM	X		X					X							X			X	1	1	12		71			X					NORTH ATLANTIC O	233
HALICHOERUS GRYPUS	ARSENIC	X		X					X							X			X	1	1	12		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	MERCURY-TOTAL	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	COPPER	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	ZINC	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	CHROMIUM	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	CADMIUM	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	ARSENIC	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	SELENIUM			X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	LEAD	X		X					X							X			X	12	1	10		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSUS HIPPOG	MERCURY-TOTAL	X		X					X							X			X	10	1	7		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSUS HIPPOG	COPPER	X		X					X							X			X	10	1	7		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSUS HIPPOG	ZINC	X		X					X							X			X	10	1	7		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSUS HIPPOG	CADMIUM	X		X					X							X			X	10	1	7		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSUS HIPPOG	ARSENIC	X		X					X							X			X	10	1	7		71			X					NORTH ATLANTIC O	233
HIPPOGLOSSUS HIPPOG	SELENIUM			X					X							X			X	10	1	7		71			X					NORTH ATLANTIC O	233
HOMARUS AMERICANUS	MERCURY-TOTAL	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC O	233
HOMARUS AMERICANUS	COPPER	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC O	233
HOMARUS AMERICANUS	ZINC	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC O	233
HOMARUS AMERICANUS	CADMIUM	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC O	233
HOMARUS AMERICANUS	ARSENIC	X		X					X							X			X	8	1	10		71			X					NORTH ATLANTIC O	233
HOMARUS AMERICANUS	SELENIUM			X					X							X			X	8	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	MERCURY-TOTAL	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	COPPER	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	ZINC	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	CHROMIUM	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	CADMIUM	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	ARSENIC	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	LEAD	X		X					X							X			X	3	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	MERCURY-TOTAL	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	COPPER	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	ZINC	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	CHROMIUM	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	CADMIUM	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	ARSENIC	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	SELENIUM			X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	LEAD	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
MEGAPTERA NODOSA	MERCURY-TOTAL	X	X						X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
MEGAPTERA NODOSA	COPPER	X	X						X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
MEGAPTERA NODOSA	ZINC	X	X						X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
MEGAPTERA NODOSA	CADMIUM	X	X						X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
MEGAPTERA NODOSA	ARSENIC	X	X						X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	MERCURY-TOTAL	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	COPPER	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	ZINC	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	CADMIUM	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	ARSENIC	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	SELENIUM			X					X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	MERCURY-TOTAL	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	COPPER	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	ZINC	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	CHROMIUM	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	CADMIUM	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	ARSENIC	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	SELENIUM								X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
MYA ARENARIA	LEAD	X							X							X			X	2	1	7		71			X					NORTH ATLANTIC O	233
OSMERUS MORDAX	MERCURY-TOTAL	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
OSMERUS MORDAX	COPPER	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
OSMERUS MORDAX	ZINC	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
OSMERUS MORDAX	CADMIUM	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
OSMERUS MORDAX	ARSENIC	X		X					X							X			X	4	1	10		71			X					NORTH ATLANTIC O	233
PANDALUS BOREALIS	MERCURY-TOTAL	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
PANDALUS BOREALIS	COPPER	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
PANDALUS BOREALIS	ZINC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
PANDALUS BOREALIS	CADMIUM	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
PANDALUS BOREALIS	ARSENIC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC O	233
PHOCA VITULINA	MERCURY-TOTAL	X			X				X							X			X	2	1	8		71			X					NORTH ATLANTIC O	233
PHOCA VITULINA	COPPER	X			X				X							X			X	2	1	8		71			X					NORTH ATLANTIC O	233
PHOCA VITULINA	ZINC	X			X				X							X			X	2	1	8		71			X					NORTH ATLANTIC O	233
PHOCA VITULINA	CADMIUM	X			X				X							X			X	2	1	8		71			X					NORTH ATLANTIC O	233
PHOCA VITULINA	ARSENIC	X			X				X							X			X	2	1	8		71			X					NORTH ATLANTIC O	233
POLLACHIUS VIRENS	MERCURY-TOTAL	X		X					X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
POLLACHIUS VIRENS	COPPER	X		X					X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
POLLACHIUS VIRENS	ZINC	X		X					X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233
POLLACHIUS VIRENS	CADMIUM	X		X					X							X			X	1	1	5		71			X					NORTH ATLANTIC O	233

DATE 771208 INSTITUTE(096) FISH INSPECTION LABORATORIES
NEWFOUNDLAND REGION
FISHERIES AND MARINE SERVICE
DEPARTMENT OF THE ENVIRONMENT
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND

CANADA

PROJECT(135) - HAZARDOUS ELEMENTS IN COMMERCIAL SPECIES OFF NEWFOUNDLAND DATA VALID AS OF 16/07/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
POLLACHIUS VIRENS	ARSENIC	X		X					X							X			X	1	1	5		71			X					NORTH ATLANTIC	O 233
RAJA RADIATA	MERCURY-TOTAL	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
RAJA RADIATA	COPPER	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
RAJA RADIATA	ZINC	X							X							X			X	2	1	10		7'			X					NORTH ATLANTIC	O 233
RAJA RADIATA	CADMIUM	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
RAJA RADIATA	ARSENIC	X							X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
REINHARDTIUS HIPPOG	MERCURY-TOTAL	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
REINHARDTIUS HIPPOG	COPPER	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
REINHARDTIUS HIPPOG	ZINC	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
REINHARDTIUS HIPPOG	CADMIUM	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
REINHARDTIUS HIPPOG	ARSENIC	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
SALMO SALAR	MERCURY-TOTAL	X		X					X							X			X	8	1	4		71			X					NORTH ATLANTIC	O 233
SALMO SALAR	COPPER	X		X					X							X			X	8	1	4		71			X					NORTH ATLANTIC	O 233
SALMO SALAR	ZINC	X		X					X							X			X	8	1	4		71			X					NORTH ATLANTIC	O 233
SALMO SALAR	CADMIUM	X		X					X							X			X	8	1	4		71			X					NORTH ATLANTIC	O 233
SALMO SALAR	ARSENIC	X		X					X							X			X	8	1	4		71			X					NORTH ATLANTIC	O 233
SALMO TRUTTA	MERCURY-TOTAL	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
SALMO TRUTTA	COPPER	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
SALMO TRUTTA	ZINC	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
SALMO TRUTTA	CADMIUM	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
SALMO TRUTTA	ARSENIC	X		X					X							X			X	2	1	10		71			X					NORTH ATLANTIC	O 233
SALVELINUS ALPINUS	MERCURY-TOTAL	X		X					X							X			X	1	1	7		71			X					NORTH ATLANTIC	O 233
SALVELINUS ALPINUS	COPPER	X		X					X							X			X	1	1	7		71			X					NORTH ATLANTIC	O 233
SALVELINUS ALPINUS	ZINC	X		X					X							X			X	1	1	7		71			X					NORTH ATLANTIC	O 233
SALVELINUS ALPINUS	CADMIUM	X		X					X							X			X	1	1	7		71			X					NORTH ATLANTIC	O 233
SALVELINUS ALPINUS	ARSENIC	X		X					X							X			X	1	1	7		71			X					NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	MERCURY-TOTAL	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	COPPER	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	ZINC	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	CADMIUM	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	ARSENIC	X		X					X							X			X	6	1	10		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	MERCURY-TOTAL	X							X							X				1	1	1		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	COPPER	X							X							X				1	1	1		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	ZINC	X							X							X				1	1	1		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	CADMIUM	X							X							X				1	1	1		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	ARSENIC	X							X							X				1	1	1		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	MERCURY-TOTAL	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	COPPER	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	ZINC	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	CADMIUM	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
SEBASTES MARINUS	ARSENIC	X		X					X							X			X	5	1	10		71			X					NORTH ATLANTIC	O 233
THUNNUS THYNNUS	MERCURY-TOTAL	X		X					X							X			X	3	1	5		71			X					NORTH ATLANTIC	O 233
THUNNUS THYNNUS	COPPER	X		X					X							X			X	3	1	5		71			X					NORTH ATLANTIC	O 233
THUNNUS THYNNUS	ZINC	X		X					X							X			X	3	1	5		71			X					NORTH ATLANTIC	O 233
THUNNUS THYNNUS	CADMIUM	X		X					X							X			X	3	1	5		71			X					NORTH ATLANTIC	O 233
THUNNUS THYNNUS	ARSENIC	X		X					X							X			X	3	1	5		71			X					NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(096) FISH INSPECTION LABORATORIES CANADA

NEWFOUNDLAND REGION
FISHERIES AND MARINE SERVICE
DEPARTMENT OF THE ENVIRONMENT
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND

PROJECT(136) - MICROBIOLOGICAL MONITORING OF FISH/FISHERY PRODUCTS DATA VALID AS OF 10/09/75

LEADER R. D. MACDOUGALL TELEPHONE 7097267330 TELEX/CABLE 016-4698

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - · STAFF CF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL 01/49 CONTINUING

PROJECT HAS AN INSPECTION/REGULATORY FUNCTION

PURPOSE OF PROJECT

TO ENSURE FISH/SHELLFISH/FISHERY BY-PRODUCTS ARE O.K. FOR MARKET. TO AID INDUSTRY TO DO BETTER RE QUALITY

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	STMWATER	RAW DATA: MYR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHIONOECETES OPILIO	BACTERIA							X	X							X			X	7	20	700					X					NORTH ATLANTIC O	233
CHLAMYS ISLANDICA	BACTERIA							X	X							X			X	1	8	100					X					NORTH ATLANTIC O	233
CLUPEA HARENGUS	BACTERIA							X	X	X						X			X	40	24	900					X					NORTH ATLANTIC O	233
GADUS MORHUA	BACTERIA							X	X	X						X			X	94	24	5500					X					NORTH ATLANTIC O	233
GLYPTOCEPHALUS CYNO	BACTERIA							X	X							X			X	50	24	500					X					NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	BACTERIA							X	X							X			X	60	24	900					X					NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	BACTERIA							X	X							X			X	20	24	900					X					NORTH ATLANTIC O	233
MALLOTUS VILLOSUS	BACTERIA							X	X	X	X					X			X	5	12	100					X					NORTH ATLANTIC O	233
PANDALUS BOREALIS	BACTERIA							X	X							X			X	1	24	500					X					NORTH ATLANTIC O	233
REINHARDTIUS HIPPOG	BACTERIA							X	X							X			X	20	24	900					X					NORTH ATLANTIC O	233
SALMO SALAR	BACTERIA							X	X							X			X	50	4	200					X					NORTH ATLANTIC O	233
SCOMBER SCOMBRUS	BACTERIA							X	X	X						X			X	10	6	100					X					NORTH ATLANTIC O	233
SEBASTES MARINUS	BACTERIA							X	X							X			X	20	24	900					X					NORTH ATLANTIC O	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(097) RESOURCES DEVELOPMENT BRANCH CANADA
FISHERIES AND MARINE SERVICE
DEPARTMENT OF THE ENVIRONMENT
P.O. BOX 550
HALIFAX, NOVA SCOTIA

PROJECT(105) - PHISIOLOGICAL RESPONSES OF ATLANTIC SALMON TO ZINC DATA VALID AS OF 10/07/75

LEADER DR.WALTON WATT TELEPHONE 9024262719 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/74	CONTINUING

PURPOSE OF PROJECT

ESTABLISH WATER QUALITY CRITERIA FOR THE METAL MINING AREA OF N.E. NEW BRUNSWICK W.R.T. HEAVY METAL CONTAMINATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YRST	YREN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SALMO SALAR	ZINC	X	X	X	X	X			X		X				X		X		X			1	X	74	74		X		X	X	X		212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(098) ENVIRONMENTAL PROTECTION SERVICE CANADA
1600-5151 GEORGE STREET
HALIFAX,NOVA SCOTIA B3J 1M5

PROJECT(D30) - EPS CONTAMINANTS PROGRAM DATA VALID AS OF 04/04/77

LEADER WILSON R.C.H. TELEPHONE 9024266141 TELEX/CABLE 01921565

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 115000 STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/
OPERATIONAL	/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

EPS SYNTHESIZES INFORMATION ON THE ENVIRONMENTAL STATUS OF CONTAMINANTS IN THE FOUR ATLANTIC PROVINCES

DETAILS OF DATA COLLECTION/STORAGE

```
HOST SUBSTANCE      CONTAMINANT     C SAMPLE   PRESERVATION     SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC        WAT
                                    A DESCRPTN METHOD           ORIGIN  U STNS FREQ  /YEAR I             SAYS   AREA              COD
                                    L  L W A D N I F S D F A O  F C A O M                M YR YR C I P  T F O
                                    B  E E G E O C R A R O L T  I O Q T C                W ST EN O N U  O D T
                                    R  N I E V T F O L I R C H  E M C H O                A       M H B  X C H
                                    T  G G   S   D Z T E M O E  L R L E N                T       P S L  C H B
                                    D  T H   T     E E D L H R  D C T R S                E         E S  T N I
                                       H T   G     N D   N L      L R   P                R           H  Y   O
```

HOST SUBSTANCE	CONTAMINANT	CALBRTD
ANGUILLA ROSTRATA	PCB'S	X
CLUPEA HARENGUS	PCB'S	X
ESOX NIGER	PCB'S	X
GADUS MORHUA	PCB'S	X
HEMIPTERUS AMERICAN	PCB'S	X
HIPPOGLOSSOIDES PLA	PCB'S	X
LARUS ARGENTATUS	PCB'S	X
MORONE SAXATILIS	PCB'S	X
MORUS BASSANUS	PCB'S	X
MYA ARENARIA	PCB'S	X
MYTILUS EDULIS	PCB'S	X
PHALACROCORAX AURIT	PCB'S	X
SALMO SALAR	PCB'S	X
SCOMBER SCOMBRUS	PCB'S	X
SEBASTES MARINUS	PCB'S	X
UROPHYCIS TENUIS	PCB'S	X

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

EPS MANUSCRIPT REPORT SERIES

DATE 771208 INSTITUTE(099) BIOLOGY DEPARTMENT
ACADIA UNIVERSITY
WOLFVILLE,NOVA SCOTIA BOP 1K0 CANADA

PROJECT(C13) - STUDY OF SPAWNING & LARVAL GROWTH OF STRIPED BASS DATA VALID AS OF 31/03/77

LEADER DABORN G.R. TELEPHONE 9025422201 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 9000 STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	01/77	04/77
OPERATIONAL	05/77	04/78

PURPOSE OF PROJECT

TO EXAMINE THE DEGREE OF CONTAMINATION OF LARVAL STRIPED BASS, THE LOCALIZATION OF PCB'S WITHIN THE BODY & ITS INFLUENCE ON MORTALITY OF STRIPED BASS DURING THE FIRST 10 DAYS OF DEVELOPMENT

DETAILS OF DATA COLLECTION/STORAGE

```
HOST SUBSTANCE      CONTAMINANT    C SAMPLE    PRESERVATION     SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC        WAT
                                   A DESCRPTN METHOD            ORIGIN  U STNS FREQ  /YEAR I              SAYS   AREA              COD
                                   L  L W A D N I F S D F A O   F C A O M                   M YR YR C I P  T F O
                                   B  E E G E O C R A R O L T   I O Q T C                   W ST EN O N U  O D T
                                   R  N I E V T E O L I R C H   E M C H O                   A       M H B  X C H
                                   T  G G   S   D Z T E M O E   L R L E N                   T       P S L  C H B
                                   D  T H   T     E E D L H R   D C T R S                   E         E S  T N I
                                      H T   G     N D   N L       L R   P                   R           H  Y   O

MORONE SAXATILIS    PCB'S          X  X X X X               X X       X    1    1     12   76         X X          GULF OF ST.LAWRE 223
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JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CANADIAN JOURNAL OF ZOOLOGY-J.FISH RES.BOARD CANADA

DATE 771208 INSTITUTE(101) DEPARTMENT OF AGRICULTURE AUSTRALIA
G.P.O. BOX 192B
HOBART, TASMANIA 7001

PROJECT(C52) - MERCURY IN TASMANIAN FISH DATA VALID AS OF 20/05/77

LEADER THOMSON J.D. TELEPHONE 002-278867 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 2500 US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	05/76	12/76
OPERATIONAL	01/77	CONTINUING

PURPOSE OF PROJECT

TO EXAMINE THE MERCURY CONCENTRATIONS IN FIN FISH FROM TASMANIAN WATERS PARTICULARLY THOSE SPECIES WHICH ARE COMMERCIALLY EXPLOITED OR POTENTIALLY COMMERCIALLY EXPLOITABLE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQUACTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ARRIPIS TRUTTA	MERCURY-INORGA	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
ARRIPIS TRUTTA	MERCURY-ORGANI	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
CYATTUS AUSTRALIS	MERCURY-INORGA	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
CYATTUS AUSTRALIS	MERCURY-ORGANI	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
KATSUWONUS PELAMIS	MERCURY-INORGA	X	X	X	X				X							X			X					77								S.W.SOUTH PACIFI	233
KATSUWONUS PELAMIS	MERCURY-ORGANI	X	X	X	X				X							X			X					77								S.W.SOUTH PACIFI	233
LATRIDOPSIS FORSTER	MERCURY-INORGA	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
LATRIDOPSIS FORSTER	MERCURY-ORGANI	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
LEIONURA ATUN	MERCURY-INORGA	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
LEIONURA ATUN	MERCURY-ORGANI	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
MEUSCHERIA AUSTRALI	MERCURY-INORGA	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
MEUSCHERIA AUSTRALI	MERCURY-ORGANI	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
NEMADACTYLUS MACROP	MERCURY-INORGA	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
NEMADACTYLUS MACROP	MERCURY-ORGANI	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
NEOPLATYCEPHALUS SP	MERCURY-INORGA	X	X	X	X				X							X			X					77								S.W.SOUTH PACIFI	233
NEOPLATYCEPHALUS SP	MERCURY-ORGANI	X	X	X	X				X							X			X					77								S.W.SOUTH PACIFI	233
NOTOTODARUS GOULDI	MERCURY-INORGA	X	X	X					X							X			X					77								S.W.SOUTH PACIFI	233
NOTOTODARUS GOULDI	MERCURY-ORGANI	X	X	X					X							X			X					77								S.W.SOUTH PACIFI	233
PARATRACHICHTHYS TR	MERCURY-INORGA	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
PARATRACHICHTHYS TR	MERCURY-ORGANI	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
PHYSICULUS BARBATUS	MERCURY-INORGA	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
PHYSICULUS BARBATUS	MERCURY-ORGANI	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
PTERYGOTRIGLA POLYO	MERCURY-INORGA	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
PTERYGOTRIGLA POLYO	MERCURY-ORGANI	X	X	X	X				X							X			X					76								S.W.SOUTH PACIFI	233
RAJA CEBRA	MERCURY-INORGA	X	X	X					X							X								77								S.W.SOUTH PACIFI	233
RAJA CEBRA	MERCURY-ORGANI	X	X	X					X							X								77								S.W.SOUTH PACIFI	233
REXEA SOLANDRI	MERCURY-INORGA	X	X	X	X				X							X			X					77								S.W.SOUTH PACIFI	233
REXEA SOLANDRI	MERCURY-ORGANI	X	X	X	X				X							X			X					77								S.W.SOUTH PACIFI	233
TRACHURUS DECLIVIS	MERCURY-INORGA	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233
TRACHURUS DECLIVIS	MERCURY-ORGANI	X	X	X	X				X						X				X					77								S.W.SOUTH PACIFI	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(101) DEPARTMENT OF AGRICULTURE AUSTRALIA
G.P.O. BOX 192B
HOBART, TASMANIA 7001

PROJECT(ZAK) - DERWENT ESTUARY STUDY DATA VALID AS OF 22/07/76

LEADER J.D. THOMSON TELEPHONE 002-278867 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	09/74	/
OPERATIONAL	11/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO PROVIDE HYDROLOGICAL DATA TO COMPLEMENT EXISTING HEAVY METAL RESIDUE DATA FROM THE DERWENT ESTUARY AND TO DETERMINE LOCAL DIFFERENCES IN HEAVY METAL DISTRIBUTIONS IN BIOTA BETWEEN SAMPLING SITES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
OSTREA ARGASI	COPPER		X	X					X						X					23	7	72		74	76							SOUTH PACIFIC OC	223
OSTREA ARGASI	ZINC		X	X					X						X					23	7	72		74	76							SOUTH PACIFIC OC	223
OSTREA ARGASI	CADMIUM		X	X					X						X					23	7	72		74	76							SOUTH PACIFIC OC	223
OSTREA ARGASI	LEAD		X	X					X						X					23	7	72		74	76							SOUTH PACIFIC OC	223
PLANKTON	MERCURY-TOTAL											X								7	4	8	X	75								SOUTH PACIFIC OC	220
PLANKTON	COPPER											X								7	4	8	X	75								SOUTH PACIFIC OC	220
PLANKTON	ZINC											X								7	4	8	X	75								SOUTH PACIFIC OC	220
PLANKTON	CADMIUM											X								7	4	8	X	75								SOUTH PACIFIC OC	220
PLANKTON	LEAD											X								7	4	8	X	75								SOUTH PACIFIC OC	220
PLANKTON	COPPER											X								7	12	1188	X	75	76							SOUTH PACIFIC OC	223
PLANKTON	ZINC											X								7	12	1188	X	75	76							SOUTH PACIFIC OC	223
PLANKTON	CADMIUM											X								7	12	1188	X	75	76							SOUTH PACIFIC OC	223
PLANKTON	LEAD											X								7	12	1188	X	75	76							SOUTH PACIFIC OC	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(102) ENVIRONMENTAL PROTECTION SERVICE
FISHERIES AND ENVIRONMENT CANADA
901-10075 JASPER AVE,
EDMONTON,ALBERTA T5J 2X9

CANADA

PROJECT(D08) - METAL CONCENTRATION IN FISHES FROM FLAT RIVER DATA VALID AS OF 20/07/77

LEADER GARY SERGY TELEPHONE 425-4550 TELEX/CABLE 037-2099

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 1500 STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/75
OPERATIONAL	/75	/75

PURPOSE OF PROJECT

DETERMINE METAL LEVELS IN FISH FLESH & LIVER IN A RIVER AFFECTED BY A TUNGSTEN MINE OPERATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMALN	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PROSOPIUM WILLIAMSO	COPPER	X	X	X	X	X			X						X				X	4	1	27		75	75		X					CANADA	212
PROSOPIUM WILLIAMSO	ZINC	X	X	X	X	X			X						X				X	4	1	27		75	75		X					CANADA	212
PROSOPIUM WILLIAMSO	CADMIUM	X	X	X	X	X			X						X				X	4	1	27		75	75		X					CANADA	212
SALVELINUS MALMA	COPPER	X	X	X	X	X			X						X				X	4	1	6		75	75		X					CANADA	212
SALVELINUS MALMA	ZINC	X	X	X	X	X			X						X				X	4	1	6		75	75		X					CANADA	212
SALVELINUS MALMA	CADMIUM	X	X	X	X	X			X						X				X	4	1	6		75	75		X					CANADA	212
SALVELINUS NAMAYCUS	COPPER	X	X	X	X	X			X						X				X	4	1	1		75	75		X					CANADA	212
SALVELINUS NAMAYCUS	ZINC	X	X	X	X	X			X						X				X	4	1	1		75	75		X					CANADA	212
SALVELINUS NAMAYCUS	CADMIUM	X	X	X	X	X			X						X				X	4	1	1		75	75		X					CANADA	212
THYMALLUS ARETICUS	COPPER	X	X	X	X	X			X						X				X	4	1	10		75	75		X					CANADA	212
THYMALLUS ARETICUS	ZINC	X	X	X	X	X			X						X				X	4	1	10		75	75		X					CANADA	212
THYMALLUS ARETICUS	CADMIUM	X	X	X	X	X			X						X				X	4	1	10		75	75		X					CANADA	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(111) TOXIC CHEMICALS SECTION CANADA
CANADIAN WILDLIFE SERVICE
DEPARTMENT OF THE ENVIRONMENT
OTTAWA, ONTARIO K1A 0H3

PROJECT(072) - CANADIAN CONTRIBUTION OF OECD WILDLIFE SAMPLING AND ANALYSIS DATA VALID AS OF /06/75

LEADER IOLA PRICE TELEPHONE 9971410 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	05/72	06/75

PURPOSE OF PROJECT

TEST SIGNIFICANCE AND EFFECTIVENESS OF ADMINISTRATIVE ACTIONS TAKEN IN OECD COUNTRIES TO REDUCE EMISSIONS OF PCB, DDT, HG BY FOLLOWING YEAR TO YEAR TRENDS IN ENVIRONMENTAL CONTAMINATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHWN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PERCA FLAVESCENS	BHC-ALPHA	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVBSCENS	BHC-GAMMA	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	DIELDRIN	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	DDE-PP	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	TDE-PP	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	DDT-PP	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	DDT-OP	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	MIREX	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	MERCURY-TOTAL	X	X	X	X				X						X					1	1	1		72	75							CANADA	212
PERCA FLAVESCENS	BHC-ALPHA	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	BHC-GAMMA	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	DIELDRIN	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	DDE-PP	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	TDE-PP	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-PP	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	DDT-OP	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	MIREX	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211
PERCA FLAVESCENS	MERCURY-TOTAL	X	X	X	X				X						X					1	1	1		73	75	X						LAKE ONTARIO	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(115) DEPARTAMENTO DE TECNOLOGIA PESQUERA CHILE
UNIVERSIDAD DEL NORTE
SECCION OCEANOGRAFIA
CASILLA 1280
ANTOFAGASTA

PROJECT(083) - ARSENICO EN ESPECIES MARINAS DE LA BAHIA DE ANTOFAGASTA DATA VALID AS OF 23/06/75

LEADER BENZO FOLLEGATI GHIO TELEPHONE 22040 TELEX/CABLE 10154

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/76	CONTINUING

PURPOSE CF PROJECT

EL AGUA QUE ABASTECE LA CIUDAD DE ANTOFAGASTA Y TRAE NATURALMENTE UN ALTO CONTENIDO DE ARSENICO, SUPERANDO CON CRECES LAS NORMAS DE LA O.M.S. EN EL PROYECTO SE TRATA DE COMPROBAR SI LOS PECES Y/O MARISCOS DE LA BAHIA ACUMULAN ARSENICO

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	ARSENIC		X	X			X									X			X	3	12	24	X	76			X						233
FISHES-MARINE N.E.I	ARSENIC		X	X			X									X			X	3	12	24	X	76			X					S.E.SOUTH PACIFI	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(118) CENTRO DE INVESTIGACIONES SUBMARINAS CHILE

UNIVERSIDAD DEL NORTE
MIRAFLORES 475 - CASILLA 117
COQUIMBO

PROJECT(082) - CONTAMINACION EN LAS BAHIAS DE LA HERRADURA, COQUIMBO DATA VALID AS OF 26/06/75

LEADER PATRICIA SALAS ESTRADES TELEPHONE 775 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/75	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DETERMINAR EL GRADO DE CONTAMINACION DE ORIGEN FECAL. EN AMBAS BAHIAS (COQUIMBO LA HERRADURA) Y SU INSIDENCIA EN LOS ORGANISMOS VIVOS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATICN METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHOROMYTILUS SPP.	PARASITES			X				X							X	X			X	24	12	288		70			X		X			S.E.SOUTH PACIFI	232
CHOROMYTILUS SPP.	BACTERIA			X				X							X	X			X	24	12	288		70			X		X			S.E.SOUTH PACIFI	232
MESODESMA DONACIUM	PARASITES			X				X							X	X			X	24	12	288		70			X		X			S.E.SOUTH PACIFI	232
MESODESMA DONACIUM	BACTERIA			X				X							X	X			X	24	12	288		70			X		X			S.E.SOUTH PACIFI	232
MYTILUS SPP.	PARASITES			X				X							X	X			X	24	12	288		70			X		X			S.E.SOUTH PACIFI	232
MYTILUS SPP.	BACTERIA			X				X							X	X			X	24	12	288		70			X		X			S.E.SOUTH PACIFI	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(140) INSTITUTC NACIONAL DE LA PESCA CUBA
CENTRO DE INVESTIGACIONES PESQUERAS
AVE. IRA Y26 MIRAMAR MARIANAO
LA HABANA

PROJECT(112) - CONTAMINACION AMBIENTAL DE LA PLATAFORMA SUROCCIDENTAL DATA VALID AS OF 19/06/75

LEADER GERARDO SUAREZ ALVAREZ TELEPHONE 222526 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/
OPERATICNAL	/75	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

EVALUAR LAS CARGAS CONTAMINANTES QUE LLEGAN A LAS ZONAS DE PESCA, CONOCER EL EFECTO DE ALGUNOS CONTAMINANTES SOBRE LA LANGOSTA, EL EFECTO DEL DDT SOBRE LA TASA DE CRECIMIENTO, REPRODUCCION Y COMO SE TRANSFIERE DE ON NIVEL TROFICO A OTRO

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATICN METHOD NONE	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CALLINECTES SAPIDUS	DDT-PP			X					X						X					6	2	12		75			X					CARIBBEAN SEA AN	232
CALLINECTES SAPIDUS	DDT-TOTAL			X					X						X					6	2	12		75			X					CARIBBEAN SEA AN	232
CRASSOSTREA RHIZOPH	DDT-PP			X					X						X				X	2	2	4		75			X					CARIBBEAN SEA AN	232
CRASSOSTREA RHIZOPH	DDT-TOTAL			X					X						X				X	2	2	4		75			X					CARIBBEAN SEA AN	232
LEUCOSOLENIA SPP.	DDT-PP			X					X						X					2	2	4		75			X					CARIBBEAN SEA AN	232
LEUCOSOLENIA SPP.	DDT-TOTAL			X					X						X					2	2	4		75			X					CARIBBEAN SEA AN	232
LUTJANUS SYNAGRIS	DDT-PP			X					X						X				X	2	2	4		75			X					CARIBBEAN SEA AN	232
LUTJANUS SYNAGRIS	DDT-TOTAL			X					X						X				X	2	2	4		75			X					CARIBBEAN SEA AN	232
PANULIRUS ARGUS	DDT-PP		X	X					X						X				X	6	2	12	X	74			X	X	X	X	X	CARIBBEAN SEA AN	232
PANULIRUS ARGUS	DDT-TOTAL		X	X					X						X				X	6	2	12	X	74			X	X	X	X	X	CARIBBEAN SEA AN	232
PANULIRUS ARGUS	COPPER		X	X					X						X				X	6	2	12	X	74			X	X	X	X	X	CARIBBEAN SEA AN	232
PANULIRUS ARGUS	ARSENIC		X	X					X						X				X	6	2	12	X	74			X	X	X	X	X	CARIBBEAN SEA AN	232
PENAEUS DUORARUM	DDT-TOTAL		X	X					X						X				X	1	6	6		72	73		X	X	X			CARIBBEAN SEA AN	232
PENAEUS DUORARUM	ARSENIC		X	X					X						X				X	1	6	6		72	73		X	X	X			CARIBBEAN SEA AN	232
THALASSIA TESTUDIUM	DDT-PP			X					X						X					6	2	12	X	75			X					CARIBBEAN SEA AN	232
THALASSIA TESTUDIUM	DDT-TOTAL			X					X						X					6	2	12	X	75			X					CARIBBEAN SEA AN	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

JAEGERSBORG ALLE 1 B
2920 CHARLOTTENLUND

PROJECT(B05) - HYDROCARBONS IN MARINE ORGANISMS & SEDIMENTS OFF W.GREENLAND DATA VALID AS OF 08/03/77

LEADER P.JOHANSEN TELEPHONE 0143-9278 TELEX/CABLE GRONFISK/CP

FUNDING - NATIONAL CURRENCY US DCLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/75
OPERATIONAL	/75	/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

INVESTIGATION OF HYDROCARBONS IN MARINE ORGANISMS & SEDIMENTS OFF WEST GREENLAND IN ORDER TO OBTAIN BASELINE DATA FOR THE AREA. THE INVESTIGATIONS STARTED IN 1975 ON THE BACKGRCUND THAT PETROLEUM EXPLORATION LINCES WERE ISSUED THE SAME YEAR

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMPS	INHSE	PUBLSH	BIOASSAYS TOXCTY	FD CHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANARHICHAS MINOR	PRISTANE	X	X	X					X						X						1		X	75	75		X					GREENLAND SEA	233
ANARHICHAS MINOR	SQUALENE	X	X	X					X						X						1		X	75	75		X					GREENLAND SEA	233
ANARHICHAS MINOR	OIL(BY CHROMAT		X	X					X						X						1		X	75	75		X					GREENLAND SEA	233
ASTARTE CRENATA	PRISTANE	X		X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
ASTARTE CRENATA	SQUALENE	X		X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
ASTARTE CRENATA	OIL(BY CHROMAT			X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
GADUS MORHUA	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
GADUS MORHUA	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
GADUS MORHUA	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
GADUS OGAC	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
GADUS OGAC	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
GADUS OGAC	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
HIPPASTERIA PHRYGIA	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
HIPPASTERIA PHRYGIA	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
HIPPASTERIA PHRYGIA	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
HIPPOGLOSSOIDES PLA	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
HIPPOGLCSSOIDES PLA	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
HIPPOGLOSSOIDES PLA	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
LEPTASTERIAS POLARI	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
LEPTASTERIAS POLARI	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
LEPTASTERIAS POLARI	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MALLOTUS VILLOSUS	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MALLOTUS VILLOSUS	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MALLOTUS VILLOSUS	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MYTILUS EDULIS	PRISTANE	X		X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MYTILUS EDULIS	SQUALENE	X		X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MYTILUS EDULIS	OIL(BY CHROMAT			X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
MYXINE GLUTINOSA	PRISTANE	X	X	X					X						X						1		X	75	75		X					GREENLAND SEA	233
MYXINE GLUTINOSA	SQUALENE	X	X	X					X						X						1		X	75	75		X					GREENLAND SEA	233
MYXINE GLUTINOSA	OIL(BY CHROMAT		X	X					X						X						1		X	75	75		X					GREENLAND SEA	233
PANDALUS BOREALIS	PRISTANE	X	X						X						X				X		1		X	75	75		X					GREENLAND SEA	233
PANDALUS BOREALIS	SQUALENE	X	X						X						X				X		1		X	75	75		X					GREENLAND SEA	233
PANDALUS BCREALIS	OIL(BY CHROMAT		X						X						X				X		1		X	75	75		X					GREENLAND SEA	233
REINHARDTIUS HIPPOG	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
REINHARDTIUS HIPPOG	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
REINHARDTIUS HIPPOG	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
SEBASTES MARINUS	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
SEBASTES MARINUS	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
SEBASTES MARINUS	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
SOLASTER ENDECA	PRISTANE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
SOLASTER ENDECA	SQUALENE	X	X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233
SOLASTER ENDECA	OIL(BY CHROMAT		X	X					X						X				X		1		X	75	75		X					GREENLAND SEA	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(150) GRONLANDS FISKERIUNDERSOGELSER DENMARK
JAEGERSBORG ALLE 1 B
2920 CHARLOTTENLUND

PROJECT(306) - DATA VALID AS OF 06/03/77

LEADER P.JOHANSEN TELEPHONE 0143-9278 TELEX/CABLE GRONFISK/CP

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/75
OPERATIONAL	/75	/75

SUB-PROGRAMME OF OSLO COMMISSION/ICNAF

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO MAKE A BASELINE SAMPLING PROGRAM, TO COVER THE WHOLE NEAFC AREA. THE SAMPLES WERE ANALIZED FOR METALS & ORGANO-CHLORINE, PESTICIDES RESIDUES & PCB ANALYSES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOTED	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	DIELDRIN		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	DDE-PP		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	TDE-PP		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	DDT-PP		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	DDT-TOTAL		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	HCH-ALPHA		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	HCH-GAMMA		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	PCB'S		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	MERCURY-TOTAL		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	COPPER		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	ZINC		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	CHROMIUM		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	CADMIUM		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
GADUS MORHUA	LEAD		X	X	X				X						X				X		1			75	75			X				GREENLAND SEA	233
MALLOTUS VILLOSUS	DIELDRIN		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	DDE-PP		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	TDE-PP		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	DDT-PP		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	DDT-TOTAL		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	PCB'S		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	MERCURY-TOTAL		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	COPPER		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	ZINC		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	CHROMIUM		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	CADMIUM		X	X					X						X				X		1			75	75							GREENLAND SEA	233
MALLOTUS VILLOSUS	LEAD		X	X					X						X				X		1			75	75							GREENLAND SEA	233
PANDALUS BOREALIS	DIELDRIN		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	DDE-PP		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	TDE-PP		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	DDT-PP		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	HCH-ALPHA		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	HCH-GAMMA		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	PCB'S		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	MERCURY-TOTAL		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	COPPER		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	ZINC		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	CHROMIUM		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	CADMIUM		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
PANDALUS BOREALIS	LEAD		X	X					X						X				X		1			75	75			X				GREENLAND SEA	233
REINHARDTIUS HIPPOG	DIELDRIN		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	DDE-PP		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	TDE-PP		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	DDT-PP		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	DDT-TOTAL		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	HCH-ALPHA		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	HCH-GAMMA		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	PCB'S		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	MERCURY-TOTAL		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	COPPER		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	ZINC		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	CHROMIUM		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	CADMIUM		X	X																	1			75	75							GREENLAND SEA	233
REINHARDTIUS HIPPOG	LEAD		X	X																	1			75	75							GREENLAND SEA	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

I.C.E.S.:C.M.1976/E:4 FISHERIES IMPROVEMENT COMMITTEE

DATE 771208 INSTITUTE(150) GRONLANDS FISKERIUNDERSOGELSER DENMARK
JAEGERSBORG ALLE 1 B
2920 CHARLOTTENLUND

PROJECT(007) - MONITORING OF A LEAD/ZINC MINE/MILL DATA VALID AS OF 20/01/77

LEADER P.JOHANSEN TELEPHONE 0143-9278 TELEX/CABLE GRONFISK/CP

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	07/72	CONTINUING

PURPOSE OF PROJECT

IN SEPTEMBER 1973 A LEAD/ZINC MINE & MILL WAS ESTABLISHED IN UMANAK DISTRICT, WEST GREENLAND. INVESTIGATIONS WERE CARRIED OUT IN 19 72/73 TO OBTAIN NATURAL BACKGROUND LEVELS & TO SET UP REGULATIONS TO LIMIT HEAVY METAL POLLUTION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NONE	ICE	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANARHICHAS MINOR	MERCURY-TOTAL		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	COPPER		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	ZINC		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	CADMIUM		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	SILVER		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	NICKEL		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	IRON		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
ANARHICHAS MINOR	LEAD		X	X					X						X				X	2	2		X	72			X					BAFFIN BAY	233
FUCUS SPP.	COPPER								X						X				X	18	1		X	72			X					BAFFIN BAY	233
FUCUS SPP.	ZINC								X						X				X	18	1		X	72			X					BAFFIN BAY	233
FUCUS SPP.	CADMIUM								X						X				X	18	1		X	72			X					BAFFIN BAY	233
FUCUS SPP.	LEAD								X						X				X	18	1		X	72			X					BAFFIN BAY	233
MYTILUS EDULIS	COPPER								X						X				X	23	1		X	72			X					BAFFIN BAY	233
MYTILUS EDULIS	ZINC								X						X				X	23	1		X	72			X					BAFFIN BAY	233
MYTILUS EDULIS	CADMIUM								X						X				X	23	1		X	72			X					BAFFIN BAY	233
MYTILUS EDULIS	LEAD								X						X				X	23	1		X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	MERCURY-TOTAL		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	COPPER		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	ZINC		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	CADMIUM		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	SILVER		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	NICKEL		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	IRON		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233
REINHARDTIUS HIPPOG	LEAD		X	X					X						X				X	2	2	40	X	72			X					BAFFIN BAY	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(160) INSTITUTE OF MARINE RESEARCH FINLAND
P.O. BOX 166
SF 00141 HELSINKI 14

PROJECT(047) - BASE-LINE STUDY OF THE POLLUTION OF THE BALTIC SEA DATA VALID AS OF 29/03/77

LEADER AARNO VOIPIO TELEPHONE 651566 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS START DATE END DATE
PLANNING /74 /75
OPERATIONAL / CONTINUING

SUB-PROGRAMME OF ICES

PURPOSE OF PROJECT

STUDY POLLUTION IN THE BALTIC SEA.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	BHC-ALPHA	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	BHC-GAMMA	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	DIELDRIN	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	DDE-PP	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	TDE-PP		X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	DDT-PP	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	DDT-OP	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	DDT-TOTAL	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	ENDOSULFAN	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	PCB'S	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	MERCURY-TOTAL	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	COPPER		X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	ZINC	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	CADMIUM	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
CLUPEA HARENGUS	LEAD	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	BHC-ALPHA	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	BHC-GAMMA	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	DIELDRIN	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	DDE-PP	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	TDE-PP		X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	DDT-PP	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	DDT-OP	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	DDT-TOTAL	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	ENDOSULFAN	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	PCB'S	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	MERCURY-TOTAL	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	COPPER		X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	ZINC	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	CADMIUM	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
GADUS MORHUA	LEAD	X	X	X	X				X							X				5	1	2		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	BHC-ALPHA	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	BHC-GAMMA	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	DIELDRIN	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	DDE-PP	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	TDE-PP								X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	DDT-PP	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	DDT-OP	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	DDT-TOTAL	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	ENDOSULFAN	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	PCB'S	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	MERCURY-TOTAL	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	COPPER								X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	ZINC	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	CADMIUM	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MACOMA BALTICA	LEAD	X							X						X					8	1	200		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	BHC-ALPHA	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	BHC-GAMMA	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	DIELDRIN	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	DDE-PP	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	TDE-PP								X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	DDT-PP	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	DDT-OP	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	DDT-TOTAL	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	ENDOSULFAN	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	PCB'S	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	MERCURY-TOTAL	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	COPPER								X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	ZINC	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	CADMIUM	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
MESIDOTEA ENTOMON	LEAD	X							X						X					12	1	8		74	75		X					BALTIC SEA (INCL.	226
PLATICHTHYS FLESUS	BHC-ALPHA	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA (INCL.	226
PLATICHTHYS FLESUS	BHC-GAMMA	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA (INCL.	226
PLATICHTHYS FLESUS	DIELDRIN	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA (INCL.	226

P.O. BOX 166
SF 00141 HELSINKI 14

PROJECT(047) - BASE-LINE STUDY OF THE POLLUTION OF THE BALTIC SEA DATA VALID AS OF 29/03/77

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOAS-SAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLATICHTHYS FLESUS	DDE-PP	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	TDE-PP		X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	DDT-PP	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	DDT-OP	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	DDT-TOTAL	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	ENDOSULFAN	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	PCB'S	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	MERCURY-TOTAL	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	COPPER		X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	ZINC	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	CADMIUM	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
PLATICHTHYS FLESUS	LEAD	X	X	X	X				X							X				4	1	2		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	BHC-ALPHA	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	BHC-GAMMA	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	DIELDRIN	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	DDE-PP	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	TDE-PP		X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	DDT-PP	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	DDT-OP	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	DDT-TOTAL	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	ENDOSULFAN	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	PCB'S	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	MERCURY-TOTAL	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	COPPER		X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	ZINC	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	CADMIUM	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226
SPRATTUS SPRATTUS	LEAD	X	X	X	X				X							X				5	1	20		74	75		X					BALTIC SEA(INCL.	226

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ICES,C.M.1976/E:2.A.-YMPARISTO JA TERVEYS 2(1977)(IN FINNISH)

DATE 771208 INSTITUTE(161) NATICNAL BOARD OF WATERS FINLAND

RESEARCH INSTITUTE
WATER RESEARCH OFFICE
P.O. BOX 250
00101 HELSINKI 10

PROJECT(077) - MCNITORING OF TOXIC POLLUTANTS DATA VALID AS OF 05/04/77

LEADER VEIJO MIETTINEN TELEPHONE 659155 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/70
OPERATIONAL	/70	CONTINUING

SUB-PROGRAMME OF ICES/SCOR

PURPOSE OF PROJECT

USING PIKE AS AN INDICATOR ORGANISM.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C A	SAMPLE DESCRPTN				PRESERVATICN METHOD								SAMPLE ORIGIN				H U	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
		LBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER	MCONSP				MWATER	YR ST	YR EN	COMP	INHSES	PUBLSH	TOXCTY	FDCHN	OTHBIO		
ESOX LUCIUS	DDT-TOTAL		X	X					X						X				X	80	1	250		70			X	X					212
ESOX LUCIUS	PCB'S		X	X					X						X				X	80	1	250		70			X	X					212
ESOX LUCIUS	MERCURY-TOTAL		X	X					X						X				X	80	1	250		70			X	X					212
ESOX LUCIUS	DDT-TOTAL		X	X					X						X				X	80	1	250		70			X	X				BALTIC SEA(INCL.	225
ESOX LUCIUS	PCB'S		X	X					X						X				X	80	1	250		70			X	X				BALTIC SEA(INCL.	225
ESOX LUCIUS	MERCURY-TOTAL		X	X					X						X				X	80	1	250		70			X	X				BALTIC SEA(INCL.	225
ESOX LUCIUS	DDT-TOTAL		X	X					X						X				X	80	1	250		70			X	X					211
ESOX LUCIUS	PCB'S		X	X					X						X				X	80	1	250		70			X	X					211
ESOX LUCIUS	MERCURY-TOTAL		X	X					X						X				X	80	1	250		70			X	X					211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

P.O.BOX 268
00101 HELSINKI 10

PROJECT(B45) - ENVIRONMENTAL CONTROL OF NUCLEAR POWER PLANTS IN FINLAND DATA VALID AS OF 04/03/77

LEADER ANNELI SALO TELEPHONE 659588 TELEX/CABLE 122691STL-SF

FUNDING - NATICNAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATICNAL	/66	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

IN THE SURROUNDINGS OF FINNISH NUCLEAR POWER PLANTS STUDIES HAVE BEEN CARRIED OUT ABOUT LEVELS OF PRESENT RADIOACTIVE SUBSTANCES & SOME HEAVY METALS IN AQUATIC ORGANISMS & ABOUT THEIR VARIATIONS.-

DETAILS CF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN (WEIGHT)	PRESERVATION METHOD (FROZEN)	SAMPLE ORIGIN (FIELD)	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA INHSE	GEOGRAPHIC AREA	WAT COD
ABRAMIS BRAMA	COPPER	X	X	X	X	X	1	1	1	X	66		BALTIC SEA(INCL.	225
ABRAMIS BRAMA	ZINC	X	X	X	X	X	1	1	1	X	66		BALTIC SEA(INCL.	225
ABRAMIS BRAMA	CHROMIUM	X	X	X	X	X	1	1	1	X	66		BALTIC SEA(INCL.	225
ABRAMIS BRAMA	GAMMA-EMITTERS	X	X	X	X	X	1	1	1	X	66		BALTIC SEA(INCL.	225
ABRAMIS BRAMA	SR-90	X	X	X	X	X	1	1	1	X	66		BALTIC SEA(INCL.	225
ABRAMIS BRAMA	CS-137	X	X	X	X	X	1	1	1	X	66		BALTIC SEA(INCL.	225
ACERINA CERNUA	COPPER	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
ACERINA CERNUA	ZINC	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
ACERINA CERNUA	CHROMIUM	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
ACERINA CERNUA	GAMMA-EMITTERS	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
ACERINA CERNUA	SR-90	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
ACERINA CERNUA	CS-137	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
ALBURNUS ALBURNUS	COPPER	X	X	X	X		1	1	1	X	66		BALTIC SEA(INCL.	225
ALBURNUS ALBURNUS	ZINC	X	X	X	X		1	1	1	X	66		BALTIC SEA(INCL.	225
ALBURNUS ALBURNUS	CHROMIUM	X	X	X	X		1	1	1	X	66		BALTIC SEA(INCL.	225
ALBURNUS ALBURNUS	GAMMA-EMITTERS	X	X	X	X		1	1	1	X	66		BALTIC SEA(INCL.	225
ALBURNUS ALBURNUS	SR-90	X	X	X	X		1	1	1	X	66		BALTIC SEA(INCL.	225
ALBURNUS ALBURNUS	CS-137	X	X	X	X		1	1	1	X	66		BALTIC SEA(INCL.	225
BLICCA BJORKNA	COPPER	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
BLICCA BJORKNA	ZINC	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
BLICCA BJORKNA	CHROMIUM	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
BLICCA BJORKNA	GAMMA-EMITTERS	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
BLICCA BJORKNA	SR-90	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
BLICCA BJORKNA	CS-137	X	X	X	X		2	1	2	X	66		BALTIC SEA(INCL.	225
CLADOPHORA GLOMERAT	GAMMA-EMITTERS	X	X	X	X		2	1	2	X	76	X	BALTIC SEA(INCL.	225
CLADOPHORA GLOMERAT	SR-90	X	X	X	X		2	1	2	X	76	X	BALTIC SEA(INCL.	225
CLADOPHORA GLOMERAT	CS-137	X	X	X	X		2	1	2	X	76	X	BALTIC SEA(INCL.	225
CLUPEA HARENGUS	COPPER	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
CLUPEA HARENGUS	ZINC	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
CLUPEA HARENGUS	CHROMIUM	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
CLUPEA HARENGUS	GAMMA-EMITTERS	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
CLUPEA HARENGUS	SR-90	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
CLUPEA HARENGUS	CS-137	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS ALBULA	COPPER	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS ALBULA	ZINC	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS ALBULA	CHROMIUM	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS ALBULA	GAMMA-EMITTERS	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS ALBULA	SR-90	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS ALBULA	CS-137	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	COPPER	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	ZINC	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	CHROMIUM	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	GAMMA-EMITTERS	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	SR-90	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	CS-137	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
ESOX LUCIUS	COPPER	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
ESOX LUCIUS	ZINC	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
ESOX LUCIUS	CHROMIUM	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
ESOX LUCIUS	GAMMA-EMITTERS	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
ESOX LUCIUS	SR-90	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
ESOX LUCIUS	CS-137	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
FUCUS VESICULOSUS	GAMMA-EMITTERS	X	X	X	X		2	1	2	X	76	X	BALTIC SEA(INCL.	225
FUCUS VESICULOSUS	SR-90	X	X	X	X		2	1	2	X	76	X	BALTIC SEA(INCL.	225
FUCUS VESICULOSUS	CS-137	X	X	X	X		2	1	2	X	76	X	BALTIC SEA(INCL.	225
GADUS MORHUA	COPPER	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
GADUS MORHUA	ZINC	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
GADUS MORHUA	CHROMIUM	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
GADUS MORHUA	GAMMA-EMITTERS	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
GADUS MORHUA	SR-90	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
GADUS MORHUA	CS-137	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
LOTA LOTA	COPPER	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
LOTA LOTA	ZINC	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225
LOTA LOTA	CHROMIUM	X	X	X	X	X	2	1	2	X	66		BALTIC SEA(INCL.	225

DATE 771208 INSTITUTE(162) INSTITUTE OF RADIATION PROTECTION FINLAND
P.O.BOX 268
00101 HELSINKI 10

PROJECT(B45) - ENVIRONMENTAL CONTROL OF NUCLEAR POWER PLANTS IN FINLAND DATA VALID AS OF 04/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LOTA LOTA	GAMMA-EMITTERS	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LOTA LOTA	SR-90	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LOTA LOTA	CS-137	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LUCIOPERCA LUCIOPER	COPPER	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LUCIOPERCA LUCIOPER	ZINC	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LUCIOPERCA LUCIOPER	CHROMIUM	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LUCIOPERCA LUCIOPER	GAMMA-EMITTERS	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LUCIOPERCA LUCIOPER	SR-90	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
LUCIOPERCA LUCIOPER	CS-137	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
MACOMA BALTICA	GAMMA-EMITTERS	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MACOMA BALTICA	SR-90	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MACOMA BALTICA	CS-137	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MESIDOTEA ENTOMON	GAMMA-EMITTERS	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MESIDOTEA ENTOMON	SR-90	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MESIDOTEA ENTOMON	CS-137	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MYOXOCEPHALUS QUADR	COPPER	X		X					X						X					2	1	2	X	66								BALTIC SEA(INCL.	225
MYOXOCEPHALUS QUADR	ZINC	X		X					X						X					2	1	2	X	66								BALTIC SEA(INCL.	225
MYOXOCEPHALUS QUADR	CHROMIUM	X		X					X						X					2	1	2	X	66								BALTIC SEA(INCL.	225
MYOXOCEPHALUS QUADR	GAMMA-EMITTERS	X		X					X						X					2	1	2	X	66								BALTIC SEA(INCL.	225
MYOXOCEPHALUS QUADR	SR-90	X		X					X						X					2	1	2	X	66								BALTIC SEA(INCL.	225
MYOXOCEPHALUS QUADR	CS-137	X		X					X						X					2	1	2	X	66								BALTIC SEA(INCL.	225
MYTILUS EDULIS	GAMMA-EMITTERS	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MYTILUS EDULIS	SR-90	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
MYTILUS EDULIS	CS-137	X		X					X						X					2	1	2	X	76		X						BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	COPPER	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	ZINC	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	CHROMIUM	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	GAMMA-EMITTERS	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	GAMMA-EMITTERS	X		X					X						X				X	2	2	4	X	76		X						BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	SR-90	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	SR-90	X		X					X						X				X	2	2	4	X	76		X						BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	CS-137	X		X					X						X				X	2	1	2	X	66								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	CS-137	X		X					X						X				X	2	2	4	X	76		X						BALTIC SEA(INCL.	225
RUTILUS RUTILUS	GAMMA-EMITTERS	X		X					X						X				X	2	2	4	X	66								BALTIC SEA(INCL.	225
RUTILUS RUTILUS	GAMMA-EMITTERS	X		X					X						X					2	2	4	X	76		X						BALTIC SEA(INCL.	225
RUTILUS RUTILUS	SR-90	X		X					X						X					2	2	4	X	76		X						BALTIC SEA(INCL.	225
RUTILUS RUTILUS	SR-90	X		X					X						X				X	2	2	4	X	66								BALTIC SEA(INCL.	225
RUTILUS RUTILUS	CS-137	X		X					X						X				X	2	2	4	X	66								BALTIC SEA(INCL.	225
RUTILUS RUTILUS	CS-137	X		X					X						X					2	2	4	X	76		X						BALTIC SEA(INCL.	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(162)

INSTITUTE OF RADIATION PROTECTION
P.O.BOX 268
00101 HELSINKI 10

FINLAND

PROJECT(C70) - STUDIES OF RADIOACTIVE CONTAMINATION DATA VALID AS OF 04/03/77

LEADER ANNELI SALO TELEPHONE 659588 TELEX/CABLE 122691 STL-SF

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /76 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

UPHOLDING THE PREPAREDNESS & GETTING BACKGROUND INFORMATION FOR THE CONTROL OF NUCLEAR POWER PLANTS. BESIDES OF THIS THE STUDY GIVE S DATA ABOUT THE TRANSPORT OF RADIONUCLIDES IN FINNISH COASTAL WATERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	GAMMA-EMITTERS	X		X					X						X				X	4	1	1		76								BALTIC SEA(INCL.	225
CLUPEA HARENGUS	SR-90	X		X					X						X				X	4	1	1		76								BALTIC SEA(INCL.	225
CLUPEA HARENGUS	CS-137	X		X					X						X				X	4	1	1		76								BALTIC SEA(INCL.	225
ESOX LUCIUS	GAMMA-EMITTERS	X		X					X						X				X	4	1	1		76								BALTIC SEA(INCL.	225
ESOX LUCIUS	SR-90	X		X					X						X				X	4	1	1		76								BALTIC SEA(INCL.	225
ESOX LUCIUS	CS-137	X		X					X						X				X	4	1	1		76								BALTIC SEA(INCL.	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(163) ZOOLOGY INSTITUTE FINLAND

UNIVERSITY OF OULU
KASARMINTIE 8
90100 OULU 10

PROJECT(B37) - MERCURY CONCENTRATION IN FISH IN THE NE.OF GULF OF BOTHNIA DATA VALID AS OF 17/02/77

LEADER E.A.LIND TELEPHONE 981-15109 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 8000 US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/
OPERATICNAL	/75	CONTINUING

PURPOSE OF PROJECT

MCNITORING

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: ■CT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ABRAMIS BRAMA	MERCURY-TOTAL	X	X	X	X				X						X				X	2	1	10		76								FINLAND	212
ABRAMIS BRAMA	MERCURY-TOTAL	X	X	X	X				X						X				X	2	1	10		76								FINLAND	225
CLUPEA HARENGUS	MERCURY-TOTAL	X	X	X	X				X							X			X	7	1	35		75				X				BALTIC SEA(INCL.	225
COREGONUS ALBULA	MERCURY-TOTAL	X	X	X	X				X							X			X	7	1	35		75				X				BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	MERCURY-TOTAL	X	X	X	X				X							X			X	1	1	5		75				X				BALTIC SEA(INCL.	225
COREGONUS NASUS	MERCURY-TOTAL	X	X	X	X				X							X			X	7	1	35		75				X				BALTIC SEA(INCL.	225
ESOX LUCIUS	MERCURY-TOTAL	X	X	X	X				X						X				X	7	1	35		75				X				BALTIC SEA(INCL.	225
GYMNOCEPHALUS CERNU	MERCURY-TOTAL	X	X	X	X				X						X					1	1	5		76								BALTIC SEA(INCL.	225
LEUCISCUS LEUCISCUS	MERCURY-TOTAL	X	X	X					X							X			X	1	1	5		76								BALTIC SEA(INCL.	225
LOTA LOTA	MERCURY-TOTAL	X	X	X					X						X				X	4	1	20		75				X				BALTIC SEA(INCL.	225
LOTA LOTA	CADMIUM	X	X	X					X						X				X	4	1	20		75				X				BALTIC SEA(INCL.	225
LOTA LOTA	LEAD	X	X	X					X						X				X	4	1	20		75				X				BALTIC SEA(INCL.	225
OSMERUS EPERLANUS	MERCURY-TOTAL	X	X	X	X				X							X			X	1	1	5		76								BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X	X	X				X							X			X	7	1	35		75				X				BALTIC SEA(INCL.	225
RUTILUS RUTILUS	MERCURY-TOTAL	X	X	X	X				X							X			X	1	1	5		76								BALTIC SEA(INCL.	225
SALMO TRUTTA	MERCURY-TOTAL	X	X	X	X				X							X			X	1	1	5		76								BALTIC SEA(INCL.	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

YMPARISTO JA TERVEYS 7:479-484(1976)

DATE 771208 INSTITUTE(163) ZOOLOGY INSTITUTE FINLAND

UNIVERSITY OF OULU
KASARMINTIE 8
90100 OULU 10

PROJECT(146) - SNAILS (GASTROPODA) AS INDICATORS OF MERCURY CONTENT DATA VALID AS OF 24/11/75

LEADER DR. TAPANI VALTONEN TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/67	/
OPERATIONAL	/67	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

IN STUDYING THE MERCURY CONTENT OF THE SEA OUTSIDE OULU CITY, AT THE HEAD OF THE GULF OF BOTHNIA, THE SNAILS LYMNAEA STAGNALIS & PE REGRA WERE CHOSEN AS INDICATOR ANIMALS BECAUSE OF THEIR ABUNDANCE AND SHORT LIFE SPAN

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	2		68	68	X						BALTIC SEA(INCL.	225
COREGONUS ALBULA	MERCURY-TOTAL	X	X	X	X				X						X					1	1	1		68	68	X						BALTIC SEA(INCL.	225
COREGONUS LAVARETUS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	4		68	70	X						BALTIC SEA(INCL.	225
ESOX LUCIUS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	2		68	70	X						BALTIC SEA(INCL.	225
LEUCISCUS RUTILIUS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	4		68	70	X						BALTIC SEA(INCL.	225
LOTA VULGARIS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	2		68	70	X						BALTIC SEA(INCL.	225
MOLLUSCS-MARINE N.E	MERCURY-TOTAL	X	X	X	X	X			X		X				X					18	1	20		67	74		X					BALTIC SEA(INCL.	225
MUSTELUS VISON	MERCURY-TOTAL	X		X	X									X		X				1	1	13		69	69	X						BALTIC SEA(INCL.	225
OSMERUS EPERLANUS	MERCURY-TOTAL	X	X	X	X				X						X					1	1	1		68	68	X						BALTIC SEA(INCL.	225
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X	X	X				X						X					2	1	6		68	68	X						BALTIC SEA(INCL.	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(177) STATION D'HYDROBIOLOGIE LACUSTRE FRANCE

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE
AVENUE DE CORZENT
74203 THONON LES BAINS

PROJECT(110) - CONTAMINATION DES LACS PAR LES METAUX LOURDS DATA VALID AS OF 09/02/77

LEADER P.J.LAURENT TELEPHONE 50-714955 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 10000 US DOLLAR EQUIVALENT - 2000 STAFF CP 1

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/74	CONTINUING

PURPOSE OF PROJECT

CONNAITRE LE NIVEAU ACTUEL DE CONTAMINATION DU MUSCLE DES POISSONS ET DES ORGANISMES CONSOMMES PAR L'HOMME DANS LES GRANDS LACS NATURALS OU LES RESERVOIRS DE FRANCE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD MCT	ICED	FROZEN	SALTED	DRIED	FORML	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
COREGONUS SPP.	MERCURY-TOTAL		X	X					X						X	X			X	2	2	10		74							X	FRANCE	211
ORCONECTES LIMOSUS	MERCURY-TOTAL		X				X									X			X	1	1	20		75							X	FRANCE	211
ORCONECTES LIMOSUS	CADMIUM		X				X									X			X	1	1	20		75							X	FRANCE	211
ORCONECTES LIMOSUS	LEAD		X				X									X			X	1	1	20		75							X	FRANCE	211
PERCA FLUVIATILIS	MERCURY-TOTAL		X	X					X						X	X			X	2	2	50		73							X	FRANCE	211
PERCA FLUVIATILIS	LEAD		X	X					X						X	X			X	2	2	50		73							X	FRANCE	211
RUTILUS RUTILUS	MERCURY-TOTAL		X	X					X						X	X				3	2	50		73							X	FRANCE	211
RUTILUS RUTILUS	CADMIUM		X	X					X						X	X				3	2	50		73							X	FRANCE	211
RUTILUS RUTILUS	LEAD		X	X					X						X	X				3	2	50		73							X	FRANCE	211
SALVELINUS ALPINUS	MERCURY-TOTAL		X	X					X						X	X			X	2	2	10		74							X	FRANCE	211
SALVELINUS ALPINUS	CADMIUM		X	X					X						X	X			X	2	2	10		74							X	FRANCE	211
SALVELINUS ALPINUS	LEAD		X	X					X						X	X			X	2	2	10		74							X	FRANCE	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RAPPORT DE LA COMMISSION INTERNATIONALE DU LEMAN

DATE 771208 INSTITUTE(188) SERVICE CENTRAL DE PROTECTION CONTRE FRANCE
LES RAYONNEMENTS IONISSANTS (S.C.P.R.I.)
B.P. NO. 35
78110 LE VESINET

PROJECT(116) - DATA VALID AS OF 09/03/77

LEADER PROF.P.PELLERIN TELEPHONE 9760272 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/68	CONTINUING

PURPOSE OF PROJECT

DETERMINATION DE LA RADIOACTIVITE NATURELLE ET ARTIFICIELLE DE LA FAUNE ET DE LA FLORE AQUATIQUES DANS LE CADRE DE LA SURVEILLANCE SANITAIRE DES PRODUITS ALIMENTAIRES ET D'ETUDES RADIOECOLOGIQUES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOAS-SAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BARBUS BARBUS	RH-106	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	URANIUM-NATURA	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	RA-226	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	RU-103	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	RH-103	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	SR-90	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	CS-137	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	BETA ACTIVITY-	X	X	X								X			X					1	2	14		76		X	X	X					212
BARBUS BARBUS	RU-106		X	X								X			X					1	2	14		76		X	X	X					212
CARANX TRACHURUS	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
CARANX TRACHURUS	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
CARANX TRACHURUS	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
CARANX TRACHURUS	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
CARANX TRACHURUS	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
CARANX TRACHURUS	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
CARANX TRACHURUS	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
CARANX TRACHURUS	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	CS-134	X	X	X					X		X				X	X			X	2	1			75		X	X	X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	SR-90	X	X	X					X		X				X	X			X	2	1			75		X	X	X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	CS-137	X	X	X					X		X				X	X			X	2	1			75		X	X	X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	2	1			75		X	X	X				NORTH SEA(INCL.S	232
CONGER CONGER	CS-134	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
CONGER CONGER	SR-90	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
CONGER CONGER	CS-137	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
CONGER CONGER	BETA ACTIVITY-	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
CONGER CONGER	CS-134	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
CONGER CONGER	SR-90	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
CONGER CONGER	CS-137	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
CONGER CONGER	BETA ACTIVITY-	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
CYPRINUS CARPIO	URANIUM-NATURA	X	X	X								X			X					2	1	2		68		X	X	X					211
CYPRINUS CARPIO	RA-226	X	X	X								X			X					2	1	2		68		X	X	X					211
CYPRINUS CARPIO	SR-90	X	X	X								X			X					2	1	2		68		X	X	X					211
CYPRINUS CARPIO	CS-137	X	X	X								X			X					2	1	2		68		X	X	X					211
CYPRINUS CARPIO	BETA ACTIVITY-	X	X	X								X			X					2	1	2		68		X	X	X					211
ESOX LUCIUS	URANIUM-NATURA	X	X	X								X			X					1	1	1		68		X	X	X					211
ESOX LUCIUS	RA-226	X	X	X								X			X					1	1	1		68		X	X	X					211
ESOX LUCIUS	SR-90	X	X	X								X			X					1	1	1		68		X	X	X					211
ESOX LUCIUS	CS-137	X	X	X								X			X					1	1	1		68		X	X	X					211
ESOX LUCIUS	BETA ACTIVITY-	X	X	X								X			X					1	1	1		68		X	X	X					211
FUCUS SERRATUS	RH-106	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	CS-134	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	RU-103	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	RH-103	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	SR-90	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	CS-137	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	BETA ACTIVITY-	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
FUCUS SERRATUS	RU-106			X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
GADUS AEGLEFINUS	CS-134	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
GADUS AEGLEFINUS	SR-90	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
GADUS AEGLEFINUS	CS-137	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
GADUS AEGLEFINUS	BETA ACTIVITY-	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
GADUS MORHUA	CS-134	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	SR-90	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	CS-137	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				NORTH SEA(INCL.S	232
GADUS MORHUA	CS-134	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				GULF OF ST.LAWRE	232
GADUS MORHUA	SR-90	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				GULF OF ST.LAWRE	232
GADUS MORHUA	CS-137	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				GULF OF ST.LAWRE	232
GADUS MORHUA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	2	1	11		68		X	X	X				GULF OF ST.LAWRE	232
GRYPHAEA ANGULATA	RH-106	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	CS-134	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	NB-95	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	RU-103	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	SB-125	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232

DATE 771208 INSTITUTE(188) SERVICE CENTRAL DE PROTECTION CONTRE LES RAYONNEMENTS IONISSANTS (S.C.P.R.I.) B.P. NO. 35 78110 LE VESINET FRANCE

PROJECT(116) -

DATA VALID AS OF 09/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GRYPHAEA ANGULATA	RH-103	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	SR-90	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	CS-137	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	BETA ACTIVITY-	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	ZN-65	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	RU-106			X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
GRYPHAEA ANGULATA	ZR-95	X		X							X				X				X	2	1			75		X	X	X				ENGLISH CHANNEL	232
LABRAX LYPUS	CS-134	X		X							X				X	X			X	1	1			68		X	X	X				NORTH ATLANTIC O	232
LABRAX LYPUS	SR-90	X		X							X				X	X			X	1	1			68		X	X	X				NORTH ATLANTIC O	232
LABRAX LYPUS	CS-137	X		X							X				X	X			X	1	1			68		X	X	X				NORTH ATLANTIC O	232
LABRAX LYPUS	BETA ACTIVITY-	X		X							X				X	X			X	1	1			68		X	X	X				NORTH ATLANTIC O	232
LAMINARIA DIGITATA	RH-106	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	CS-134	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	RU-103	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	RH-103	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	SR-90	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	CS-137	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	BETA ACTIVITY-	X		X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LAMINARIA DIGITATA	RU-106			X							X				X					1	1			75		X	X	X				ENGLISH CHANNEL	232
LEUCISCUS RUTILIUS	URANIUM-NATURA	X	X	X								X			X					2	1	3		68		X	X	X					211
LEUCISCUS RUTILIUS	RA-226	X	X	X								X			X					2	1	3		68		X	X	X					211
LEUCISCUS RUTILIUS	SR-90	X	X	X								X			X					2	1	3		68		X	X	X					211
LEUCISCUS RUTILIUS	CS-137	X	X	X								X			X					2	1	3		68		X	X	X					211
LEUCISCUS RUTILIUS	BETA ACTIVITY-	X	X	X								X			X					2	1	3		68		X	X	X					211
LEUGOPTERUS MEGASTO	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
LEUGOPTERUS MEGASTO	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
LEUGOPTERUS MEGASTO	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
LEUGOPTERUS MEGASTO	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
LEUGOPTERUS MEGASTO	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
LEUGOPTERUS MEGASTO	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
LEUGOPTERUS MEGASTO	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
LEUGOPTERUS MEGASTO	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	CS-134	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
LIMANDA LIMANDA	SR-90	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
LIMANDA LIMANDA	CS-137	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
LIMANDA LIMANDA	BETA ACTIVITY-	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
LIMANDA LIMANDA	CS-134	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	SR-90	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	CS-137	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	BETA ACTIVITY-	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
LIMANDA LIMANDA	CS-134	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
LIMANDA LIMANDA	SR-90	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
LIMANDA LIMANDA	CS-137	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
LIMANDA LIMANDA	BETA ACTIVITY-	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
LOPHIUS PISCATORIUS	CS-134	X		X							X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	232
LOPHIUS PISCATORIUS	SR-90	X		X							X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	232
LOPHIUS PISCATORIUS	CS-137	X		X							X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	232
LOPHIUS PISCATORIUS	BETA ACTIVITY-	X		X							X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	232
LOPHIUS PISCATORIUS	CS-134	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
LOPHIUS PISCATORIUS	SR-90	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
LOPHIUS PISCATORIUS	CS-137	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
LOPHIUS PISCATORIUS	BETA ACTIVITY-	X		X							X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
MELANOGRAMMUS AEGLE	CS-134	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
MELANOGRAMMUS AEGLE	SR-90	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
MELANOGRAMMUS AEGLE	CS-137	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
MELANOGRAMMUS AEGLE	BETA ACTIVITY-	X		X							X				X	X			X	2	1			68		X	X	X				NORTH ATLANTIC O	232
MERLANGIUS MERLANGU	CS-134	X	X	X					X		X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	230
MERLANGIUS MERLANGU	SR-90	X	X	X					X		X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	230
MERLANGIUS MERLANGU	CS-137	X	X	X					X		X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	230
MERLANGIUS MERLANGU	BETA ACTIVITY-	X	X	X					X		X				X	X			X	2	1			68		X	X	X				NORTH SEA(INCL.S	230
MERLANGIUS MERLANGU	CS-134	X	X	X					X		X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
MERLANGIUS MERLANGU	SR-90	X	X	X					X		X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
MERLANGIUS MERLANGU	CS-137	X	X	X					X		X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
MERLANGIUS MERLANGU	BETA ACTIVITY-	X	X	X					X		X				X	X			X	2	1			68		X	X	X				ENGLISH CHANNEL	232
MERLANGUS CARBONARI	CS-134	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	232
MERLANGUS CARBONARI	SR-90	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	232
MERLANGUS CARBONARI	CS-137	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	232
MERLANGUS CARBONARI	BETA ACTIVITY-	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	232
MERLANGUS CARBONARI	CS-134	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	233
MERLANGUS CARBONARI	SR-90	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	233
MERLANGUS CARBONARI	CS-137	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	233
MERLANGUS CARBONARI	BETA ACTIVITY-	X	X	X					X		X				X	X			X	9	2			68		X	X	X				NORTH ATLANTIC O	233
MERLANGUS CARBONARI	CS-134	X	X	X					X		X				X	X			X	9	2			68		X	X	X				ENGLISH CHANNEL	232
MERLANGUS CARBONARI	SR-90	X	X	X					X		X				X	X			X	9	2			68		X	X	X				ENGLISH CHANNEL	232
MERLANGUS CARBONARI	CS-137	X	X	X					X		X				X	X			X	9	2			68		X	X	X				ENGLISH CHANNEL	232
MERLANGUS CARBONARI	BETA ACTIVITY-	X	X	X					X		X				X	X			X	9	2			68		X	X	X				ENGLISH CHANNEL	232
MERLUCCIUS MERLUCCI	CS-134	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
MERLUCCIUS MERLUCCI	SR-90	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
MERLUCCIUS MERLUCCI	CS-137	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
MERLUCCIUS MERLUCCI	BETA ACTIVITY-	X		X							X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232

DATE 771208 INSTITUTE(188) SERVICE CENTRAL DE PROTECTION CONTRE LES RAYONNEMENTS IONISSANTS (S.C.P.R.I.) B.P. NO. 35 78110 LE VESINET FRANCE

PROJECT(116) -

DATA VALID AS OF 09/03/77

HOST SUBSTANCE	CONTAMINANT	CALRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MERLUCCIUS MERLUCCI	CS-134	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
MERLUCCIUS MERLUCCI	SR-90	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
MERLUCCIUS MERLUCCI	CS-137	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
MERLUCCIUS MERLUCCI	BETA ACTIVITY-	X		X							X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
MERLUCCIUS MERLUCCI	CS-134	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
MERLUCCIUS MERLUCCI	SR-90	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
MERLUCCIUS MERLUCCI	CS-137	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
MERLUCCIUS MERLUCCI	BETA ACTIVITY-	X		X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
PAGELLUS CENTRODONT	CS-134	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
PAGELLUS CENTRODONT	SR-90	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
PAGELLUS CENTRODONT	CS-137	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
PAGELLUS CENTRODONT	BETA ACTIVITY-	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
PAGELLUS CENTRODONT	CS-134	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
PAGELLUS CENTRODONT	SR-90	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
PAGELLUS CENTRODONT	CS-137	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
PAGELLUS CENTRODONT	BETA ACTIVITY-	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
PERCA FLUVIATILIS	URANIUM-NATURA	X	X	X							X				X					1	1	1		68		X	X	X					211
PERCA FLUVIATILIS	RA-226	X	X	X							X				X					1	1	1		68		X	X	X					211
PERCA FLUVIATILIS	SR-90	X	X	X							X				X					1	1	1		68		X	X	X					211
PERCA FLUVIATILIS	CS-137	X	X	X							X				X					1	1	1		68		X	X	X					211
PERCA FLUVIATILIS	BETA ACTIVITY-	X	X	X							X				X					1	1	1		68		X	X	X					211
PLATICHTHYS FLESUS	CS-134	X	X	X					X		X				X	X			X	1	1	69		75		X	X	X				ENGLISH CHANNEL	232
PLATICHTHYS FLESUS	SR-90	X	X	X					X		X				X	X			X	1	1	69		75		X	X	X				ENGLISH CHANNEL	232
PLATICHTHYS FLESUS	CS-137	X	X	X					X		X				X	X			X	1	1	69		75		X	X	X				ENGLISH CHANNEL	232
PLATICHTHYS FLESUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	1	1	69		75		X	X	X				ENGLISH CHANNEL	232
PLEURONECTES LIMAND				X							X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURONECTES MICROC	CS-134	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH ATLANTIC O	232
PLEURCNECTES MICRCC	SR-90	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH ATLANTIC O	232
PLEURONECTES MICROC	CS-137	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH ATLANTIC O	232
PLEURONECTES MICROC	BETA ACTIVITY-	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH ATLANTIC O	232
PLEURONECTES MICROC	CS-134	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH SEA(INCL.S	232
PLEURONECTES MICROC	SR-90	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH SEA(INCL.S	232
PLEURCNECTES MICROC	CS-137	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH SEA(INCL.S	232
PLEURCNECTES MICROC	BETA ACTIVITY-	X		X					X		X				X	X			X	7	1			68		X	X	X				NORTH SEA(INCL.S	232
PLEURONECTES MICROC	CS-134	X		X					X		X				X	X			X	7	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURCNECTES MICROC	SR-90	X		X					X		X				X	X			X	7	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURONECTES MICROC	CS-137	X		X					X		X				X	X			X	7	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURONECTES MICROC	BETA ACTIVITY-	X		X					X		X				X	X			X	7	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURCNECTES PLATES	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURONECTES PLATES	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURCNECTES PLATES	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
PLEURONECTES PLATES	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
POLLACHIUS POLLACHI	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
POLLACHIUS POLLACHI	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
POLLACHIUS POLLACHI	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
POLLACHIUS POLLACHI	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
POLLACHIUS POLLACHI	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
POLLACHIUS POLLACHI	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
POLLACHIUS POLLACHI	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
POLLACHIUS POLLACHI	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
RAJA CLAVATA	CS-134	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
RAJA CLAVATA	SR-90	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
RAJA CLAVATA	CS-137	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
RAJA CLAVATA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	232
RAJA CLAVATA	CS-134	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
RAJA CLAVATA	SR-90	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
RAJA CLAVATA	CS-137	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
RAJA CLAVATA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH SEA(INCL.S	232
RAJA CLAVATA	CS-134	X	X	X					X		X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
RAJA CLAVATA	SR-90	X	X	X					X		X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
RAJA CLAVATA	CS-137	X	X	X					X		X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
RAJA CLAVATA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	5	1			68		X	X	X				ENGLISH CHANNEL	232
SARDINA PILCHARDUS	CS-134	X	X	X					X		X				X	X			X	3	1	792		75		X	X	X				NORTH ATLANTIC O	232
SARDINA PILCHARDUS	SR-90	X	X	X					X		X				X	X			X	3	1	792		75		X	X	X				NORTH ATLANTIC O	232
SARDINA PILCHARDUS	CS-137	X	X	X					X		X				X	X			X	3	1	792		75		X	X	X				NORTH ATLANTIC O	232
SARDINA PILCHARDUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	3	1	792		75		X	X	X				NORTH ATLANTIC O	232
SCOMBER SCOMBRUS	CS-134	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
SCOMBER SCOMBRUS	SR-90	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
SCCMBER SCCMBRUS	CS-137	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
SCOMBER SCOMBRUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH ATLANTIC O	232
SCOMBER SCOMBRUS	CS-134	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOMBER SCOMBRUS	SR-90	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOMBER SCOMBRUS	CS-137	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOMBER SCOMBRUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	4	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOMBER SCOMBRUS	CS-134	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
SCOMBER SCOMBRUS	SR-90	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
SCOMBER SCCMBRUS	CS-137	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
SCOMBER SCOMBRUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	4	1			68		X	X	X				ENGLISH CHANNEL	232
SCOPHTHALMUS RHOMBU	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOPHTHALMUS RHOMBU	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232

DATE 771208 INSTITUTE(188) SERVICE CENTRAL DE PROTECTION CONTRE LES RAYONNEMENTS IONISSANTS (S.C.P.R.I.) FRANCE

B.P. NO. 35

78110 LE VESINET

PROJECT(116) - DATA VALID AS OF 09/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SCOPHTHALMUS RHOMBU	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOPHTHALMUS RHOMBU	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
SCOPHTHALMUS RHOMBU	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
SCOPHTHALMUS RHOMBU	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
SCOPHTHALMUS RHOMBU	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
SCOPHTHALMUS RHOMBU	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
SCYLLIUM CANICULA	CS-134	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH ATLANTIC O	232
SCYLLIUM CANICULA	SR-90	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH ATLANTIC O	232
SCYLLIUM CANICULA	CS-137	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH ATLANTIC O	232
SCYLLIUM CANICULA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH ATLANTIC O	232
SCYLLIUM CANICULA	CS-134	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH SEA(INCL.S	232
SCYLLIUM CANICULA	SR-90	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH SEA(INCL.S	232
SCYLLIUM CANICULA	CS-137	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH SEA(INCL.S	232
SCYLLIUM CANICULA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	3	2			68		X	X	X				NORTH SEA(INCL.S	232
SCYLLIUM CANICULA	CS-134	X	X	X					X		X				X	X			X	3	2			68		X	X	X				ENGLISH CHANNEL	232
SCYLLIUM CANICULA	SR-90	X	X	X					X		X				X	X			X	3	2			68		X	X	X				ENGLISH CHANNEL	232
SCYLLIUM CANICULA	CS-137	X	X	X					X		X				X	X			X	3	2			68		X	X	X				ENGLISH CHANNEL	232
SCYLLIUM CANICULA	BETA ACTIVITY-	X	X	X					X		X				X	X			X	3	2			68		X	X	X				ENGLISH CHANNEL	232
SOLEA VULGARIS	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
SOLEA VULGARIS	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
SOLEA VULGARIS	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
SOLEA VULGARIS	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH ATLANTIC O	232
SOLEA VULGARIS	CS-134	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
SOLEA VULGARIS	SR-90	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
SOLEA VULGARIS	CS-137	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
SOLEA VULGARIS	BETA ACTIVITY-	X		X							X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
TELLINA TENIUS	RH-106	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	CS-134	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	NB-95	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	RU-103	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	RH-103	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	SR-90	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	CS-137	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	BETA ACTIVITY-	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	RU-106			X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
TELLINA TENIUS	ZR-95	X		X							X				X				X	1	1			75		X	X	X				ENGLISH CHANNEL	232
THYNNUS GERMO	CS-134	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	233
THYNNUS GERMO	SR-90	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	233
THYNNUS GERMO	CS-137	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	233
THYNNUS GERMO	BETA ACTIVITY-	X	X	X					X		X				X	X			X	5	1			68		X	X	X				NORTH ATLANTIC O	233
THYNNUS GERMO	CS-134	X	X	X					X		X				X	X			X	5	1			68		X	X	X				MEDITERRANEAN SE	233
THYNNUS GERMO	SR-90	X	X	X					X		X				X	X			X	5	1			68		X	X	X				MEDITERRANEAN SE	233
THYNNUS GERMO	CS-137	X	X	X					X		X				X	X			X	5	1			68		X	X	X				MEDITERRANEAN SE	233
THYNNUS GERMO	BETA ACTIVITY-	X	X	X					X		X				X	X			X	5	1			68		X	X	X				MEDITERRANEAN SE	233
TINCA TINCA	URANIUM-NATURA	X	X	X								X			X					2	1	7		68		X	X	X					211
TINCA TINCA	RA-226	X	X	X								X			X					2	1	7		68		X	X	X					211
TINCA TINCA	CS-137	X	X	X								X			X					2	1	7		68		X	X	X					211
TINCA TINCA	BETA ACTIVITY-	X	X	X								X			X					2	1	7		68		X	X	X					211
TRISOPTERUS (=GADUS	CS-134	X	X	X					X		X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
TRISOPTERUS (=GADUS	SR-90	X	X	X					X		X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
TRISOPTERUS (=GADUS	CS-137	X	X	X					X		X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
TRISOPTERUS (=GADUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	3	1			68		X	X	X				NORTH SEA(INCL.S	232
TRISOPTERUS (=GADUS	CS-134	X	X	X					X		X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
TRISOPTERUS (=GADUS	SR-90	X	X	X					X		X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
TRISOPTERUS (=GADUS	CS-137	X	X	X					X		X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232
TRISOPTERUS (=GADUS	BETA ACTIVITY-	X	X	X					X		X				X	X			X	3	1			68		X	X	X				ENGLISH CHANNEL	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RAPPORTS D'ACTIVITE MENSUELS&TRIMESTRIELS DU S.C.P.R.I.

DATE 771208 INSTITUTE(189) LABORATOIRE DES SERVICES VETERINAIRES FRANCE
66 RUE ST. SEBASTIEN
13006 MARSEILLE CEDEX 2

PROJECT(084) - SURVEILLANCE SANITAIRE DES PRODUITS DE LA PECHE DATA VALID AS OF 30/06/75

LEADER DR. G. GILLES TELEPHONE 373970 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CP

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /72 CONTINUING

SUB-PROGRAMME OF CGPM

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

D'ANALYSER DANS UN BUT SANITAIRE, LES DIVERS PRODUITS DE LA MER COMMERCIALISES EN VUE DE LEUR CONSOMMATION. DETERMINATION DES ESPECES CONTAMINEES PAR LE MERCURE. EN PARALLELE SONT EFFECTUES DIVERSES RECHERCHES SUR L'ORIGINE DES POLLUTIONS CONSTATEES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	MERCURY-TOTAL	X							X							X			X			20		72								MEDITERRANEAN SE	231
BOOPS BOOPS	MERCURY-TOTAL	X	X	X					X							X			X			2		72								MEDITERRANEAN SE	
CONGER CONGER	MERCURY-TOTAL	X							X							X			X			4		72								MEDITERRANEAN SE	
DICENTRARCHUS LABRA	MERCURY-TOTAL	X	X	X					X						X							5		72								MEDITERRANEAN SE	
ENGRAULIS ENCRASICO	MERCURY-TOTAL	X							X							X			X			2		72								MEDITERRANEAN SE	
GALEORHINUS GALEUS	MERCURY-TOTAL	X	X	X					X							X			X			10		72								MEDITERRANEAN SE	
LAMNA NASUS (=CORNU	MERCURY-TOTAL	X	X	X					X							X			X			2		72								MEDITERRANEAN SE	
LOLIGO VULGARIS	MERCURY-TOTAL	X							X							X			X			4		72								MEDITERRANEAN SE	
MUGIL CEPHALUS	MERCURY-TOTAL	X	X	X					X							X			X			10		72								MEDITERRANEAN SE	
MYTILUS EDULIS	MERCURY-TOTAL	X					X									X			X			30		72								MEDITERRANEAN SE	232
OCTOPUS VULGARIS	MERCURY-TOTAL	X							X							X			X			10		72								MEDITERRANEAN SE	
PALAEMONIDAE	MERCURY-TOTAL	X							X							X			X			6		72								MEDITERRANEAN SE	
SARDINA PILCHARDUS	MERCURY-TOTAL	X							X							X			X			20		72								MEDITERRANEAN SE	
SCOMBER SCOMBRUS	MERCURY-TOTAL	X							X							X			X			15		72								MEDITERRANEAN SE	
SEPIA OFFICINALIS	MERCURY-TOTAL	X							X							X			X			5		72								MEDITERRANEAN SE	
SPARIDAE	MERCURY-TOTAL	X	X	X					X							X			X			4		72								MEDITERRANEAN SE	
THUNNUS ALALUNGA	MERCURY-TOTAL	X	X	X					X							X			X			15		72								MEDITERRANEAN SE	
THUNNUS THYNNUS	MERCURY-TOTAL	X	X	X					X							X			X			150		72								MEDITERRANEAN SE	
THYNNUS PELAMYS	MERCURY-TOTAL	X	X	X					X							X			X			10		72								MEDITERRANEAN SE	
XIPHIAS GLADIUS	MERCURY-TOTAL	X	X	X					X							X			X			10		72								MEDITERRANEAN SE	

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(191) LABORATOIRE DE CHIMIE APPLIQUEE FRANCE

A L'EXPERTISE
FACULTE DE PHARMACIE
B.P. 1103
34060 MONTPELLIER CEDEX

PROJECT(058) - ETUDES DE BASE ET SURVEILLANCE DANS LES ORGANISMES MARINS DATA VALID AS OF 12/02/77

LEADER PROF.R.MESTRES TELEPHONE 67635582 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 7200 US DOLLAR EQUIVALENT - 1440 STAFF OF 2

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /77 CONTINUING

SUB-PROGRAMME OF CGPM

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

OBJECTIFS DU PROJET COORDONNE DU CGPM SUR LA POLLUTION EN MEDITERANEE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HUM CONS	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
MULLUS BARBATUS	BHC-GAMMA	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	DIELDRIN	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	DDE-PP	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	TDE-PP	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	DDT-PP	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	DDT-OP	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	DDT-TOTAL	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	ENDOSULFAN	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	ORGANOPHOSPHOR	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	PCB'S	X						4	4	1			MEDITERRANEAN SE	232
MULLUS BARBATUS	PCT'S	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	BHC-GAMMA	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DIELDRIN	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDE-PP	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	TDE-PP	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-PP	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-OP	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-TOTAL	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ENDOSULFAN	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ORGANOPHOSPHOR	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	PCB'S	X						4	4	1			MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	PCT'S	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	BHC-GAMMA	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	DIELDRIN	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	DDE-PP	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	TDE-PP	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	DDT-PP	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	DDT-OP	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	DDT-TOTAL	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	ENDOSULFAN	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	ORGANOPHOSPHOR	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	PCB'S	X						4	4	1			MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	PCT'S	X						4	4	1			MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

TRAV.SOC.PHARM.MONTPELLIER

DATE 771208 INSTITUTE(201) UNIVERSITAT KIEL GERMANY, FED. REP. OF

ABTEILUNG MEERESCHEMIE
INSTITUTE FUR MEERESKUNDE
DUSTERNBROOKER WEG 20
23 KIEL

PROJECT(053) - DISSOLVED ORGANIC AND INORGANIC POLLUTANTS IN THE BALTIC DATA VALID AS OF /04/77

LEADER GRASSHOFF,ERHARDT,KREMLIN TELEPHONE 5973421 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/72
OPERATIONAL	/72	CONTINUING

SUB-PROGRAMME OF ICES/ SCOR

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ELABORATION OF SUITABLE ANALYTICAL METHODS;DETECTION/IDENTIFICATION OF POTENTIAL POLLUTANTS DISSOLVED IN SEA WATER CHEMISTRY AND DYNAMICAL BEHAVIOUR OF POTENTIAL POLLUTANTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS EDULIS	ALKANES-N-TOTA			X					X						X				X	12	5	200		72			X	X				BALTIC SEA(INCL.	225
MYTILUS EDULIS	HYDROCARBONS-A			X					X						X				X	12	5	200		72			X	X				BALTIC SEA(INCL.	225
MYTILUS EDULIS	HYDROCARBONS-P			X					X						X				X	12	5	200		72			X	X				BALTIC SEA(INCL.	225
MYTILUS EDULIS	HETEROCOMPOUND			X					X						X				X	12	5	200		72			X	X				BALTIC SEA(INCL.	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(202) INSTITUT FUR MEERESFORSCHUNG GERMANY, FED. REP. OF
AM HANDELSHAFEN 12
285 BREMERHAVEN

PROJECT(B32) - ORGANOHALOGEN COMPOUNDS IN ANIMALS OF THE NORTH SEA DATA VALID AS OF / /

LEADER DR.W.ERNST TELEPHONE 0471-20642 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CP

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/72
OPERATIONAL	/72	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DETERMINATICN OF LEVELS OF ORGANIC POLLUTANTS IN MARINE ORGANISMS OF DIFFERENT TROPHIC LEVELS. STUDY OF ACCUMULATION IN MARINE FOOD WEBS

DETAILS CF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACANTHOCARDIA TUBER	DDE-PP	X	X	X					X						X					1	1	30		73	75			X				NORTH SEA(INCL.S	233
ACANTHOCARCIA TUBER	TDB-PP	X	X	X					X						X					1	1	30		73	75			X				NORTH SEA(INCL.S	233
ACANTHOCARDIA TUBER	DDT-PP	X	X	X					X						X					1	1	30		73	75			X				NORTH SEA(INCL.S	233
ACANTHOCARDIA TUBER	PCB'S	X	X	X					X						X					1	1	30		73	75			X				NORTH SEA(INCL.S	233
BENTHOCTOPUS PISCAT	DDE-PP	X		X					X						X					1	1	9		73	75			X				NORTH SEA(INCL.S	233
BENTHOCTOFUS PISCAT	TDE-PP	X		X					X						X					1	1	9		73	75			X				NORTH SEA(INCL.S	233
BENTHOCTOFUS PISCAT	DDT-PP	X		X					X						X					1	1	9		73	75			X				NORTH SEA(INCL.S	233
BENTHOCTOPUS PISCAT	PCB'S	X		X					X						X					1	1	9		73	75			X				NORTH SEA(INCL.S	233
CHLAMYS OPERCULARIS	DDE-PP	X	X	X					X						X					1	1	46		72	74			X				ENGLISH CHANNEL	233
CHLAMYS OPERCULARIS	TDE-PP	X	X	X					X						X					1	1	46		72	74			X				ENGLISH CHANNEL	233
CHLAMYS OPERCULARIS	DDT-PP	X	X	X					X						X					1	1	46		72	74			X				ENGLISH CHANNEL	233
CHLAMYS OPERCULARIS	PCB'S	X	X	X					X						X					1	1	46		72	74			X				ENGLISH CHANNEL	233
CLUPEA HARENGUS	DDE-PP	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	TDE-PP	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-PP	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-OP		X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
GADUS MORHUA	DDE-PP	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
GADUS MORHUA	TDE-PP	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-PP	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
GADUS MORHUA	PCB'S	X	X	X					X						X				X	1	1	18		73	75			X				NORTH SEA(INCL.S	233
GLYPTOCEPHALUS CYNO	DDE-PP	X	X	X					X						X					1	1	18		73	75			X				NORTH SEA(INCL.S	233
GLYPTOCEPHALUS CYNO	TDE-PP	X	X	X					X						X					1	1	18		73	75			X				NORTH SEA(INCL.S	233
GLYPTOCEPHALUS CYNO	DDT-PP	X	X	X					X						X					1	1	18		73	75			X				NORTH SEA(INCL.S	233
GLYPTOCEPHALUS CYNO	PCB'S	X	X	X					X						X					1	1	18		73	75			X				NORTH SEA(INCL.S	233
HIPPOGLOSSOIDES PLA	DDE-PP	X	X	X					X						X				X	1	1	11		73	75			X				NORTH SEA(INCL.S	233
HIPPOGLOSSOIDES PLA	TDE-PP	X	X	X					X						X				X	1	1	11		73	75			X				NORTH SEA(INCL.S	233
HIPPOGLOSSOIDES PLA	DDT-PP	X	X	X					X						X				X	1	1	11		73	75			X				NORTH SEA(INCL.S	233
HIPPOGLOSSOIDES PLA	PCB'S	X	X	X					X						X				X	1	1	11		73	75			X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	DDE-PP	X	X	X					X						X				X	1	1	17		73	75			X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	TDE-PP	X	X	X					X						X				X	1	1	17		73	75			X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	DDT-PP	X	X	X					X						X				X	1	1	17		73	75			X				NORTH SEA(INCL.S	233
LIMANDA LIMANDA	PCB'S	X	X	X					X						X				X	1	1	17		73	75			X				NORTH SEA(INCL.S	233
LOLIGO FORBESI	DDE-PP	X		X					X						X				X	1	1	15		72	74			X				ENGLISH CHANNEL	233
LOLIGO FORBESI	TDE-PP	X		X					X						X				X	1	1	15		72	74			X				ENGLISH CHANNEL	233
LOLIGO FORBESI	DDT-PP	X		X					X						X				X	1	1	15		72	74			X				ENGLISH CHANNEL	233
LOLIGO FORBESI	PCB'S	X		X					X						X				X	1	1	15		72	74			X				ENGLISH CHANNEL	233
MUNIDA TENUIMANA	DDE-PP	X		X					X						X				X	1	1	42		73	75			X				NORTH SEA(INCL.S	233
MUNIDA TENUIMANA	TDE-PP	X		X					X						X				X	1	1	42		73	75			X				NORTH SEA(INCL.S	233
MUNIDA TENUIMANA	DDT-PP	X		X					X						X				X	1	1	42		73	75			X				NORTH SEA(INCL.S	233
MUNIDA TENUIMANA	PCB'S	X		X					X						X				X	1	1	42		73	75			X				NORTH SEA(INCL.S	233
PANDALUS BOREALIS	DDE-PP	X		X					X						X				X	1	1	34		73	75			X				NORTH SEA(INCL.S	233
PANDALUS BOREALIS	TDE-PP	X		X					X						X				X	1	1	34		73	75			X				NORTH SEA(INCL.S	233
PANDALUS BOREALIS	DDT-PP	X		X					X						X				X	1	1	34		73	75			X				NORTH SEA(INCL.S	233
PANDALUS BOREALIS	PCB'S	X		X					X						X				X	1	1	34		73	75			X				NORTH SEA(INCL.S	233
POLYCHAETA	DDE-PP	X		X					X						X					2	1	89		73	75			X				NORTH SEA(INCL.S	233
POLYCHAETA	TDE-PP	X		X					X						X					2	1	89		73	75			X				NORTH SEA(INCL.S	233
POLYCHAETA	DDT-PP	X		X					X						X					2	1	89		73	75			X				NORTH SEA(INCL.S	233
POLYCHAETA	PCB'S	X		X					X						X					2	1	89		73	75			X				NORTH SEA(INCL.S	233
TRIGLA LUCERNA	DDE-PP	X	X	X					X						X				X	1	1	16		72	74			X				ENGLISH CHANNEL	233
TRIGLA LUCERNA	TDE-PP	X	X	X					X						X				X	1	1	16		72	74			X				ENGLISH CHANNEL	233
TRIGLA LUCERNA	DDT-PP	X	X	X					X						X				X	1	1	16		72	74			X				ENGLISH CHANNEL	233
TRIGLA LUCERNA	PCB'S	X	X	X					X						X				X	1	1	16		72	74			X				ENGLISH CHANNEL	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BER.DT.WISS.KOMMN.MEERESFORSCH.24,225-233(1976)ETC.

AM HANDELSHAFEN 12
285 BREMERHAVEN

PROJECT(B33) - ORGANOHALOGEN COMPOUNDS IN ANIMALS OF THE NORTH SEA DATA VALID AS OF 14/03/77

LEADER DR.W.ERNST TELEPHONE 0471-20642 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 60000 US DOLLAR EQUIVALENT - STAFF OF 7

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DETERMINATION OF LEVELS OF ORGANIC POLLUTANTS IN MARINE ORGANISMS OF DIFFERENT TROPHIC LEVELS. STUDY OF ACCUMULATION UNDER NATURAL CONDITICNS. IDENTIFICATION OF ORGANIC POLLUTANTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ARENICOLA SPP.	BHC-ALPHA	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	BHC-GAMMA	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	DIELDRIN	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	DDE-PP	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	TDE-PP	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	DDT-PP	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	DDT-TOTAL	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	PCB'S	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	HALOGENATED AR	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
ARENICOLA SPP.	HALOGENATED PH	X		X					X						X					1	1	100	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	BHC-ALPHA	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	BHC-GAMMA	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	DIELDRIN	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	DDE-PP	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	TDE-PP	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	DDT-PP	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	DDT-TOTAL	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	PCB'S	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	HALOGENATED AR	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CARDIUM EDULE	HALOGENATED PH	X	X	X					X						X				X	2	1	640	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	BHC-ALPHA	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	BHC-GAMMA	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	DIELDRIN	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	DDE-PP	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	TDE-PP	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	DDT-PP	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGCN CRANGON	DDT-TOTAL	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	PCB'S	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	HALOGENATED AR	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
CRANGON CRANGON	HALOGENATED PH	X	X	X					X						X				X	2	1	800	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	BHC-ALPHA	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	BHC-GAMMA	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	DIELDRIN	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	DDE-PP	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	TDE-PP	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	DDT-PP	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	DDT-TOTAL	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	PCB'S	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	HALOGENATED AR	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
MYA ARENARIA	HALOGENATED PH	X	X	X					X						X				X	2	1	70	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	BHC-ALPHA	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	BHC-GAMMA	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	DIELDRIN	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	DDE-PP	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	TDE-PP	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	DDT-PP	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	DDT-TOTAL	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	PCB'S	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	HALOGENATED AR	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223
SOLEA VULGARIS	HALOGENATED PH	X	X	X					X						X				X	1	1	40	X	76	77							NORTH SEA(INCL.S	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULL.ENVIRON.CONTAM.TOXICOL.15,55-65(1976)

DATE 771208 INSTITUTE(202) INSTITUT FUR MEERESFORSCHUNG GERMANY, FED. REP. OF
AM HANDELSHAFEN 12
285 BREMERHAVEN

PROJECT(B39) - LEAD IN MUSSELS FROM THE GERMAN BIGHT (NORTHSEA) DATA VALID AS OF 15/03/77

LEADER DR. MEINHARD SCHULZ-BALDES TELEPHONE 0471-20641 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS START DATE END DATE
PLANNING /71 /79
OPERATIONAL /71 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MECHANISMS OF METAL UPTAKE IN MUSSELS. ACCUMULATION OF LEAD WITHIN THE FOOD CHAIN. DISTRIBUTION OF LEAD IN NATURAL POPULATIONS OF THE NORTH SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATBR	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHW	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS EDULIS	ANTIMONY	X	X	X							X				X				X	13	1	130		72	73			X	X	X		NORTH SEA(INCL.S	232
MYTILUS EDULIS	LEAD	X	X	X							X				X				X	13	1	130		72	73			X	X	X		NORTH SEA(INCL.S	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE BIOLOGY 16(1972):226-229,21(1973):98-102,25(1974):177-193

INSTITUTE(203) GSF: ABT. ALGENFORSCHUNG
BUNSEN-KIRCHHOFF-STR. 13
D-46 DORTMUND 1

GERMANY, FED. REP. OF

PROJECT(036) - MASS-CULTURE OF MICRO-ALGAE IN FRESH WASTE WATER DATA VALID AS OF 05/05/75

LEADER DR. C.J.SOEDER TELEPHONE 126296 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/73
OPERATIONAL	/73	CONTINUING

PURPOSE OF PROJECT

INVESTIGATION OF THE UTILISATION OF MASSCULTURES OF SELECTED MICROALGAE GROWING IN FRESH AND WASTE WATER WITH REGARD TO FOOD PRODUCTION AND WASTE-WATER CLEANING INCLUDING CONTAMINANTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOTED	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
COELASTRUM PROBOSCI	MERCURY-TOTAL	X		X							X						X			1	8	8		73			X		X			GERMANY	210
COELASTRUM PROBOSCI	CADMIUM	X		X							X						X			1	8	8		73			X		X			GERMANY	210
COELASTRUM PROBOSCI	LEAD	X		X							X						X			1	8	8		73			X		X			GERMANY	210
SCENEDESMUS ACUTUS	MERCURY-TOTAL	X		X							X						X			2	35	50		73			X		X			GERMANY	210
SCENEDESMUS ACUTUS	CADMIUM	X		X							X						X			2	35	50		73			X		X			GERMANY	210
SCENEDESMUS ACUTUS	LEAD	X		X							X						X			2	35	50		73			X		X			GERMANY	210

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(204) INSTITUT FUR KUSTEN UND BINNENFISCHEREI DER BUNDESFORSCHUNGSANSTALT FUR FISCHEREI GERMANY, FED. REP. OF

PALMAILLE 9
2000 HAMBURG 50

PROJECT(015) - BASELINE STUDIES OF THE POLLUTION IN THE NORTH SEA DATA VALID AS OF 14/04/75

LEADER HUSCHENBETH/HARMS TELEPHONE 040-381601 TELEX/CABLE 0214911

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	12/71
OPERATIONAL	01/72	CONTINUING

SUB-PROGRAMME OF ICES INTL NORTH SEA POLLUTION ST

PURPOSE OF PROJECT

ON THE BASIS OF INTERCALIBRATED LABORATORIES TC STUDY POLLUTION LOADS OF SELECTED CONTAMINANTS IN DIFFERENT BIOLOGICAL NICHES IN A JOINT PROGRAMME COVERING THE WHOLE NORTH SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN AGE	PRESERVATION METHOD FROZEN	SAMPLE ORIGIN FIELD	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA YR ST	RAW DATA YR EN	RAW DATA PUBLSH	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	BHC-GAMMA	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DIELDRIN	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDE-PP	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	TDE-PP	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-PP	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-TOTAL	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	PCB'S	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	COPPER	X		X	X	X	X		1		72	72	X	NORTH SEA(INCL.S	233
CLUPEA HARENGUS	ZINC	X		X	X	X	X		1		72	72	X	NORTH SEA(INCL.S	233
CRANGON CRANGON	BHC-GAMMA	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	DIELDRIN	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	DDE-PP	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	TDE-PP	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	DDT-PP	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	DDT-TOTAL	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	PCB'S	X	X		X	X	X	9	1	900	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	COPPER	X	X		X	X	X	1	1	100	72	72	X	NORTH SEA(INCL.S	232
CRANGON CRANGON	ZINC	X	X		X	X	X	1	1	100	72	72	X	NORTH SEA(INCL.S	232
GADUS MORHUA	BHC-GAMMA	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	DIELDRIN	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	DDE-PP	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	TDE-PP	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-PP	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-TOTAL	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	PCB'S	X		X	X	X	X	1	1	5	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	COPPER	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
GADUS MORHUA	ZINC	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
MYTILUS EDULIS	BHC-GAMMA	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	DIELDRIN	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	DDE-PP	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	TDE-PP	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	DDT-PP	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	DDT-TOTAL	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	PCB'S	X	X		X	X	X	6	1	600	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	COPPER	X	X		X	X	X	1	1	100	72	72	X	NORTH SEA(INCL.S	232
MYTILUS EDULIS	ZINC	X	X		X	X	X	1	1	100	72	72	X	NORTH SEA(INCL.S	232
PLEURONECTES PLATES	BHC-GAMMA	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DIELDRIN	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDE-PP	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	TDE-PP	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-PP	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-TOTAL	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	PCB'S	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	COPPER	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ZINC	X		X	X	X	X	1	1	10	72	72	X	NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BUNDSFORSCHUNGSANSTALT FUR FISCHEREI
PALMAILLE 9
2000 HAMBURG 50

PROJECT(090) - SURVEY OF THE CONTAMINATION OF HEAVY METALS IN FISH / DATA VALID AS OF 22/02/77

LEADER G.JACOBS TELEPHONE 040381601 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 130000 US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	09/72	/
OPERATIONAL	08/73	12/75

PURPOSE OF PROJECT

A SURVEY OF THE MERCURY CONTAMINATION OF FISHES FROM THE GERMAN FISHING GROUNDS AND FISH-PRODUCTS FROM THE GERMAN MARKET.INVESTIGATION OF THE ORGANIC FORM OF MERCURY (METHYL-MERCURY) IN FISHES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	MERCURY-ORGANI	X	X	X	X				X						X				X	12	1	70		73	75							NORTH ATLANTIC O	233
GADUS MORHUA	MERCURY-TOTAL	X	X	X	X				X						X				X	12	1	70		73	75							NORTH ATLANTIC O	233
GADUS MORHUA	MERCURY-ORGANI	X	X	X	X				X						X				X	12	1	70		73	75							ARCTIC SEAS	233
GADUS MORHUA	MERCURY-TOTAL	X	X	X	X				X						X				X	12	1	70		73	75							ARCTIC SEAS	233
HIPPOGLOSSUS HIPPOG	MERCURY-TOTAL	X	X	X					X						X				X	3	1	7		73	75							NORTH ATLANTIC O	233
LEUCISCUS CEPHALUS	MERCURY-TOTAL	X	X	X					X						X				X	1	1	4			74							GERMANY	212
LEUCISCUS LEUCISCUS	MERCURY-TOTAL	X	X	X					X						X				X	1	1	5			74							GERMANY	212
LOLIGO FORBESI	MERCURY-TOTAL	X		X					X						X				X	1	1	7			74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	MERCURY-TOTAL	X	X	X					X						X				X	6	1	30		73	75							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	MERCURY-TOTAL	X	X	X					X						X				X	6	1	30		73	75							ARCTIC SEAS	233
MICROMESISTIUS POUT	MERCURY-TOTAL	X	X	X					X						X				X	2	1	21		74	75							NORTH ATLANTIC O	233
PANDALUS BOREALIS	MERCURY-TOTAL	X							X						X				X	1	1	10			73							NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-ORGANI	X	X	X	X				X						X				X	3	1	25		73	75							NORTH SEA(INCL.S	232
PLEURONECTES PLATES	MERCURY-TOTAL	X	X	X	X				X						X				X	3	1	25		73	75							NORTH SEA(INCL.S	232
POLLACHIUS VIRENS	MERCURY-ORGANI	X	X	X	X				X						X				X	5	1	30		73	75							NORTH ATLANTIC O	233
POLLACHIUS VIRENS	MERCURY-TOTAL	X	X	X	X				X						X				X	5	1	30		73	75							NORTH ATLANTIC O	233
RUTILUS RUTILUS	MERCURY-TOTAL	X	X	X					X						X				X	1	1	4			74							GERMANY	212
SALMO GAIRDNERI	MERCURY-TOTAL	X	X	X					X						X				X	4	1	5			76							GERMANY	210
SEBASTES MARINUS	MERCURY-ORGANI	X	X	X	X				X						X				X	8	1	50		73	75							ARCTIC SEAS	233
SEBASTES MARINUS	MERCURY-ORGANI	X	X	X	X				X						X				X	8	1	50		73	75							ARCTIC SEAS	233
SEBASTES MARINUS	MERCURY-TOTAL	X	X	X	X				X						X				X	8	1	50		73	75							ARCTIC SEAS	233
SEBASTES MARINUS	MERCURY-TOTAL	X	X	X	X				X						X				X	8	1	50		73	75							ARCTIC SEAS	233
VIMBA VIMBA	MERCURY-TOTAL	X	X	X					X						X				X	1	1	9			74							GERMANY	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DEUTSCHE LEBENSMITTEL.RUNDSCHAU 72,12(1976)S.415-417

DATE 771208 INSTITUTE(209) UNIVERSITAT MUNCHEN GERMANY, FED. REP. OF
INSTITUT FUR ZOOLOGIE UND HYDROBIOLOGIE
KAULBACHSTRASSE 37
8 MUNCHEN 22

PROJECT(060) - RESIDUE STUDIES OF TOXIC METALS IN FRESHWATER FISH DATA VALID AS OF /04/77

LEADER PROFS.REICHENBACH,KLINKE TELEPHONE 21802282 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CP

PROJECT STATUS	START DATE	END DATE
PLANNING	01/09	/
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

NATURAL CONTENT OF ZINC AND RELATION TO ZINC CONTAMINATION. RELATION TO CONTAMINATION OF WATER, SLUDGE, AND CLADOCERA. INVESTIGATIONS ABOUT THE ELIMINATION OF ZINC

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLADOCERA SPP.	ZINC	X					X													4	7	1000	X						X			DANUBE TRIBUTARI	212
RUTILUS RUTILUS	ZINC	X	X	X	X		X		X						X	X				4	7	50	X						X			DANUBE TRIBUTARI	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FISCH UND UMWELT/FISCHER ED.D-7000STUTTGART

PROJECT(075) - DATA OF CONTAMINANTS IN AQUATIC ORGANISM DATA VALID AS OF 26/06/75

LEADER DRS. KIETZMANN & TRIEBE TELEPHONE 72041 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /72 /
OPERATIONAL /72 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANARHICHAS LUPUS	MERCURY-TOTAL	X						X								X			X	9	10	30		72			X					NORTH ATLANTIC O	233
ANARHICHAS LUPUS	PARASITES	X						X								X			X	9	10	30		72			X					NORTH ATLANTIC O	233
ANARHICHAS LUPUS	BACTERIA	X						X								X			X	9	10	30		72			X					NORTH ATLANTIC O	233
ANGUILLA ANGUILLA	DDT-TOTAL	X						X							X				X	17	5	5		75			X					GERMANY	212
ANGUILLA ANGUILLA	MERCURY-TOTAL	X						X							X				X	17	5	5		75			X					GERMANY	212
CLUPEA HARENGUS	MERCURY-TOTAL	X							X							X			X	1	71	710		72			X					NORTH SEA(INCL.S	233
CLUPEA HARENGUS	PARASITES	X							X							X			X	1	71	710		72			X					NORTH SEA(INCL.S	233
CLUPEA HARENGUS	BACTERIA	X							X							X			X	1	71	710		72			X					NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-TOTAL	X						X								X			X	3	50	50		75			X					BALTIC SEA(INCL.	233
GADUS MORHUA	MERCURY-TOTAL	X						X								X			X	3	50	50		75			X					BALTIC SEA(INCL.	233
GADUS MORHUA	DDT-TOTAL	X							X							X			X	3	106	1080		72			X					EASTERN SHELF ZO	233
GADUS MORHUA	MERCURY-TOTAL	X							X							X			X	3	106	1080		72			X					EASTERN SHELF ZO	233
GADUS MORHUA	PARASITES	X							X							X			X	3	106	1080		72			X					EASTERN SHELF ZO	233
GADUS MORHUA	BACTERIA	X							X							X			X	3	106	1080		72			X					EASTERN SHELF ZO	233
HIPPOGLOSSUS VULGAR	DDT-TOTAL	X						X								X			X	12	10	30		72			X					GREENLAND SEA	233
HIPPOGLOSSUS VULGAR	MERCURY-TOTAL	X						X								X			X	12	10	30		72			X					GREENLAND SEA	233
HIPPOGLOSSUS VULGAR	BACTERIA	X						X								X			X	12	10	30		72			X					GREENLAND SEA	233
LAMNA NASUS (=CORNU	MERCURY-TOTAL	X							X							X			X	16	100	100		72			X					NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	DDT-TOTAL	X							X							X			X	7	10	30		72			X					NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	MERCURY-TOTAL	X							X							X			X	7	10	30		72			X					NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	PARASITES	X							X							X			X	7	10	30		72			X					NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	BACTERIA	X							X							X			X	7	10	30		72			X					NORTH SEA(INCL.S	233
MERLUCCIUS MERLUCCI	MERCURY-TOTAL	X							X							X			X	2	23	230		72			X					EASTERN SHELF ZO	233
MERLUCCIUS MERLUCCI	PARASITES	X							X							X			X	2	23	230		72			X					EASTERN SHELF ZO	233
MERLUCCIUS MERLUCCI	BACTERIA	X							X							X			X	2	23	230		72			X					EASTERN SHELF ZO	233
MOLVA MOLVA	MERCURY-TOTAL	X						X								X			X	8	10	30		72			X					NORWEGIAN SEA	233
MOLVA MOLVA	PARASITES	X						X								X			X	8	10	30		72			X					NORWEGIAN SEA	233
MOLVA MOLVA	BACTERIA	X						X								X			X	8	10	30		72			X					NORWEGIAN SEA	233
MYTILUS EDULIS	MERCURY-TOTAL	X						X							X				X	19	10	10		72			X					GERMANY	212
PANDALUS BOREALIS	MERCURY-TOTAL	X							X							X			X	18	10	10		72			X					NORTHERN PACIFIC	233
PLEURONECTES PLATES	MERCURY-TOTAL	X							X							X			X	10	10	30		72			X					NORTH SEA(INCL.S	232
PLEURONECTES PLATES	BACTERIA	X							X							X			X	10	10	30		72			X					NORTH SEA(INCL.S	232
POLLACHIUS VIRENS	DDT-TOTAL	X							X							X			X	4	24	240		72			X					NORWEGIAN SEA	233
POLLACHIUS VIRENS	MERCURY-TOTAL	X							X							X			X	4	24	240		72			X					NORWEGIAN SEA	233
POLLACHIUS VIRENS	PARASITES	X							X							X			X	4	24	240		72			X					NORWEGIAN SEA	233
POLLACHIUS VIRENS	BACTERIA	X							X							X			X	4	24	240		72			X					NORWEGIAN SEA	233
RAJA CLAVATA	MERCURY-TOTAL	X						X								X			X	13	5	10		72			X					GREENLAND SEA	233
RAJA CLAVATA	BACTERIA	X						X								X			X	13	5	10		72			X					GREENLAND SEA	233
SCOMBER SCOMBRUS	DDT-TOTAL	X							X							X			X	5	12	120		72			X					NORWEGIAN SEA	233
SCOMBER SCOMBRUS	MERCURY-TOTAL	X							X							X			X	5	12	120		72			X					NORWEGIAN SEA	233
SCOMBER SCOMBRUS	PARASITES	X							X							X			X	5	12	120		72			X					NORWEGIAN SEA	233
SCOMBER SCOMBRUS	BACTERIA	X							X							X			X	5	12	120		72			X					NORWEGIAN SEA	233
SEBASTES MARINUS	DDT-TOTAL	X						X								X			X	6	15	45		72			X					GREENLAND SEA	233
SEBASTES MARINUS	MERCURY-TOTAL	X						X								X			X	6	15	45		72			X					GREENLAND SEA	233
SEBASTES MARINUS	PARASITES	X						X								X			X	6	15	45		72			X					GREENLAND SEA	233
SEBASTES MARINUS	BACTERIA	X						X								X			X	6	15	45		72			X					GREENLAND SEA	233
SOLEA VULGARIS	MERCURY-TOTAL	X							X							X			X	11	10	30		72			X					NORTH SEA(INCL.S	232
SQUALUS ACANTHIAS	DDT-TOTAL	X						X								X			X	14	15	20		72			X					NORTH SEA(INCL.S	233
SQUALUS ACANTHIAS	MERCURY-TOTAL	X						X								X			X	14	15	20		72			X					NORTH SEA(INCL.S	233
SQUALUS ACANTHIAS	BACTERIA	X						X								X			X	14	15	20		72			X					NORTH SEA(INCL.S	233
THUNNUS THYNNUS	MERCURY-TOTAL	X							X						X		X		X	X	15	10	20		72			X					NORTHERN PACIFIC	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(212) INSTITUT FUR HYDROBIOLOGIE UND FISCHEREIWISSENSCHATT UNIVERSITAT HAMBURG OLBERSWEG 24 HAMBURG 50 GERMANY, FED. REP. OF

PROJECT(C58) - FOOD CHAIN PROBLEMS DATA VALID AS OF 09/05/77

LEADER LILLELUND K. TELEPHONE 38072509 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 102500 US DOLLAR EQUIVALENT - 43340 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/78
OPERATIONAL	/73	CONTINUING

SUB-PROGRAMME OF DFG

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO EXAMINE THE UPTAKE, TRANSPORT & ACCUMULATION OF A PESTICIDE IN A FRESHWATER FOOD CHAIN UNDER REPRODUCIBLE CONDITIONS & TO CONSTRUCT A MODEL

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCTED	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMERCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHLORELLA PYRENOIDO	BHC-GAMMA	X		X	X		X											X												X			
CHLORELLA SPP.	BHC-GAMMA	X		X	X		X											X												X			
DAPHNIA MAGNA	BHC-GAMMA	X	X	X	X		X											X												X			
GASTEROSTEUS ACULEA	BHC-GAMMA	X	X	X	X		X	X										X												X			
PSEUDOTROPHEUS ZEBR	BHC-GAMMA	X	X	X	X	X	X	X										X												X			
SAROTHERODON(=TILAP	BHC-GAMMA	X	X	X	X		X											X												X			

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BER.DT.WISS.KOMMN.MEERESFORSCH.23,3,308-316 ETC.

CHEMISTRY DIVISION,RADIOANALYTICAL LABORATORY
AGHIA PARASKEVI
ATTIKIS

PROJECT(C42) - APPLICATION OF NEUTRON ACTIVATION ANALYSIS DATA VALID AS OF 28/04/77

LEADER GRIMANIS,PAPADOPOULOU TELEPHONE 6513111 TELEX/CABLE GREEKATOM

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 30000 STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/63	/
OPERATIONAL	/64	CONTINUING

SUB-PROGRAMME OF FAO/UNEP

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO STUDY BASELINE CONCENTRATIONS OF TRACE ELEMENTS IN THE MARINE ENVIRONMENT AND THE EFFECT OF POLLUTION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NONE	ICE	FROZEN	SALTED	DRIED	FORMALDEHYDE	ALCOHOL	OTHER	SAMPLE ORIGIN: FIELD	CULTURED	AQUARIUM	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHOUSE	PUBLSH	BIOASSAYS: TOXICITY	FOODCHAIN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACARTIA CLAUSI	MERCURY-TOTAL	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	COPPER	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	ZINC	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	CHROMIUM	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	CADMIUM	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	ARSENIC	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	ANTIMONY	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	COBALT	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ACARTIA CLAUSI	SELENIUM	X						X			X				X					7	1	2		74	76			X				MEDITERRANEAN SE	232
ARBACIA LIXULA	ZINC	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ARBACIA LIXULA	CHROMIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ARBACIA LIXULA	ANTIMONY	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ARBACIA LIXULA	COBALT	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ARBACIA LIXULA	SELENIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ARCA NOAE	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ARCA NOAE	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ASTRALIUM RUGOSUM	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
BOOPS SALPA	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
BOOPS SALPA	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
BOOPS SALPA	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
BOOPS SALPA	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CHAMA PLACENTINA	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
CIONA INTESTINALIS	ZINC	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
CIONA INTESTINALIS	CHROMIUM	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
CIONA INTESTINALIS	ANTIMONY	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
CIONA INTESTINALIS	VANADIUM	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
CIONA INTESTINALIS	SELENIUM	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
CRENILABRUS LAPINA	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
CRENILABRUS LAPINA	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
CRENILABRUS LAPINA	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
CRENILABRUS LAPINA	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
CYNTHIA CLAUDICANS	MERCURY-TOTAL	X						X							X					1	1	2	X	68	69							MEDITERRANEAN SE	232
CYNTHIA CLAUDICANS	ARSENIC	X						X							X					1	1	2	X	68	69							MEDITERRANEAN SE	232
CYNTHIA CLAUDICANS	ANTIMONY	X						X							X					1	1	2	X	68	69							MEDITERRANEAN SE	232
CYNTHIA CLAUDICANS	VANADIUM	X						X							X					1	1	2	X	68	69							MEDITERRANEAN SE	232
CYNTHIA CLAUDICANS	LEAD							X							X					1	1	2	X	68	69							MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	MERCURY-TOTAL	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	COPPER	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	ZINC	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	CADMIUM	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232

DATE 771208 INSTITUTE(221) NUCLEAR RESEARCH CENTRE 'DEMOKRITOS' GREECE
CHEMISTRY DIVISION,RADIOANALYTICAL LABORATORY
AGHIA PARASKEVI
ATTIKIS

PROJECT(C42) - APPLICATION OF NEUTRON ACTIVATION ANALYSIS DATA VALID AS OF 28/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
DIPLODUS ANNULARIS	ARSENIC	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	ANTIMONY	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	COBALT	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
DIPLODUS ANNULARIS	SELENIUM	X	X		X			X			X				X					5	1	5		73	76			X				MEDITERRANEAN SE	232
ECHINASTER SEPOSITU	ZINC	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ECHINASTER SEPOSITU	CHROMIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ECHINASTER SEPOSITU	ANTIMONY	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ECHINASTER SEPOSITU	COBALT	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ECHINASTER SEPOSITU	SELENIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
ENSIS ENSIS	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
ENSIS ENSIS	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GLYCYMERIS GLYCYMER	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
GOBIUS NIGER	ZINC	X					X								X					4	1	5		73	76			X				MEDITERRANEAN SE	232
GOBIUS NIGER	CHROMIUM	X					X								X					4	1	5		73	76			X				MEDITERRANEAN SE	232
GOBIUS NIGER	COBALT	X					X								X					4	1	5		73	76			X				MEDITERRANEAN SE	232
GOBIUS NIGER	SELENIUM	X					X								X					4	1	5		73	76			X				MEDITERRANEAN SE	232
GOBIUS NIGER	MERCURY-TOTAL	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	COPPER	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	ZINC	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	CHROMIUM	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	CADMIUM	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	ARSENIC	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	ANTIMONY	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	COBALT	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
GOBIUS NIGER	SELENIUM	X	X		X			X			X				X					5	1	5		73	75			X				MEDITERRANEAN SE	232
HOLOTHURIA TUBULOSA	ZINC	X						X							X					4	1	1	X	74	76			X				MEDITERRANEAN SE	232
HOLOTHURIA TUBULOSA	CHROMIUM	X						X							X					4	1	1	X	74	76			X				MEDITERRANEAN SE	232
HOLOTHURIA TUBULOSA	ANTIMONY	X						X							X					4	1	1	X	74	76			X				MEDITERRANEAN SE	232
HOLOTHURIA TUBULOSA	VANADIUM	X						X							X					4	1	1	X	74	76			X				MEDITERRANEAN SE	232
HOLOTHURIA TUBULOSA	SELENIUM	X						X							X					4	1	1	X	74	76			X				MEDITERRANEAN SE	232
LITHOGNATHUS MORMYR	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
LITHOGNATHUS MORMYR	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
LITHOGNATHUS MORMYR	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
LITHOGNATHUS MORMYR	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MAENA MAENA	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MAENA MAENA	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MAENA MAENA	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MAENA MAENA	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MARTHASTERIAS GLACI	ZINC	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
MARTHASTERIAS GLACI	CHROMIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
MARTHASTERIAS GLACI	ANTIMONY	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
MARTHASTERIAS GLACI	COBALT	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
MARTHASTERIAS GLACI	SELENIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
MERLANGIUS MERLANGU	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MERLANGIUS MERLANGU	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MERLANGIUS MERLANGU	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MERLANGIUS MERLANGU	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
METERIX CHIONAE	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
METERIX CHIONAE	COPPER	X						X							X					3	1	3	X	64	70			X				MRDITERRANEAN SE	232
METERIX CHIONAE	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
METERIX CHIONAE	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
METERIX CHIONAE	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
METERIX CHIONAE	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
METERIX CHIONAE	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
METERIX CHIONAE	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MICROCOSMUS SULCATU	ZINC	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
MICROCOSMUS SULCATU	CHROMIUM	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
MICROCOSMUS SULCATU	ANTIMONY	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
MICROCOSMUS SULCATU	VANADIUM	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
MICROCOSMUS SULCATU	SELENIUM	X						X							X					2	1	1	X	74	76			X				MEDITERRANEAN SE	232
MUGIL CEPHALUS	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MUGIL CEPHALUS	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MUGIL CEPHALUS	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MUGIL CEPHALUS	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
MULLUS BARBATUS	MERCURY-TOTAL	X	X					X			X				X					3	4	4		76			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	ZINC	X	X					X			X				X					3	4	4		76			X					MEDITERRANEAN SE	232
MULLUS BARBATUS	CADMIUM	X	X					X			X				X					3	4	4		76			X					MEDITERRANEAN SE	232

CHEMISTRY DIVISION,RADIOANALYTICAL LABORATORY
AGHIA PARASKEVI
ATTIKIS

PROJECT(C42) - APPLICATION OF NEUTRON ACTIVATION ANALYSIS DATA VALID AS OF 28/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCOMNSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS GALLOPROVIN	MERCURY-TOTAL	X		X				X			X				X					1	2	2		76			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ZINC	X		X				X			X				X					1	2	2		76			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM	X		X				X			X				X					1	2	2		76			X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OPHIODERMA LONGICAU	ZINC	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
OPHIODERMA LONGICAU	CHROMIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
OPHIODERMA LONGICAU	ANTIMONY	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
OPHIODERMA LONGICAU	COBALT	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
OPHIODERMA LONGICAU	SELENIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
OSTREA EDULIS	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
OSTREA EDULIS	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	MERCURY-TOTAL	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	COPPER	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	ZINC	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	CHROMIUM	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	ARSENIC	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	ANTIMONY	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	VANADIUM	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PAGELLUS ERYTHRINUS	COBALT	X	X	X	X			X			X				X					3	1	2	X	69	72			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	ZINC	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	CHROMIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	ANTIMONY	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	COBALT	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
PARACENTROTUS LIVID	SELENIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	MERCURY-TOTAL	X		X				X			X				X					1	2	2		76			X					MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	ZINC	X		X				X			X				X					1	2	2		76			X					MEDITERRANEAN SE	232
PARAPENAEUS LONGIRO	CADMIUM	X		X				X			X				X					1	2	2		76			X					MEDITERRANEAN SE	232
PINNA NOBILIS	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PINNA NOBILIS	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
PYURA MICROCOSMUS	COPPER	X						X							X					1	1	1	6	36	4								
PYURA MICROCOSMUS	ZINC	X						X							X					1	1	1	6	36	4								
PYURA MICROCOSMUS	VANADIUM	X						X							X					1	1	1	6	36	4								
SARDINA PILCHARDUS	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SCOMBER JAPONICUS	COBALT	X	X		X		X								X					3	1	1		73	76							MEDITERRANEAN SE	232
SCOMBER JAPONICUS	COBALT	X	X		X		X								X					3	1	1		73	76							MEDITERRANEAN SE	232
SCOMBER JAPONICUS	SELENIUM	X	X		X		X								X					3	1	1		73	76							MEDITERRANEAN SE	232
SCOMBER JAPONICUS	SELENIUM	X	X		X		X								X					3	1	1		73	76							MEDITERRANEAN SE	232
SHAERECHINUS GRANUL	ZINC	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
SHAERECHINUS GRANUL	CHROMIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
SHAERECHINUS GRANUL	ANTIMONY	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
SHAERECHINUS GRANUL	COBALT	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
SHAERECHINUS GRANUL	SELENIUM	X						X							X					4	1	1	X	74	75			X				MEDITERRANEAN SE	232
SPARUS AURATUS	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPARUS AURATUS	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPARUS AURATUS	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPARUS AURATUS	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPONDYLIOSOMA CANTH	ZINC	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPONDYLIOSOMA CANTH	CHROMIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPONDYLIOSOMA CANTH	COBALT	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPONDYLIOSOMA CANTH	SELENIUM	X					X								X					4	1	5	X	73	76			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
SPONDYLUS GAEDEROPU	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232

DATE 771208 INSTITUTE(221) NUCLEAR RESEARCH CENTRE 'DEMOKRITOS' GREECE
CHEMISTRY DIVISION,RADIOANALYTICAL LABORATORY
AGHIA PARASKEVI
ATTIKIS

PROJECT(C42) - APPLICATION OF NEUTRON ACTIVATION ANALYSIS DATA VALID AS OF 28/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
TAPES DECUSSATUS	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	MERCURY-TOTAL	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	COPPER	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	ZINC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	CHROMIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	ARSENIC	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	ANTIMONY	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	VANADIUM	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
VENUS VERRUCOSA	COBALT	X						X							X					3	1	3	X	64	70			X				MEDITERRANEAN SE	232
XIPHIAS GLADIUS	MERCURY-TOTAL	X	X	X				X			X				X					1	1	1		76			X					MEDITERRANEAN SE	232
XIPHIAS GLADIUS	ZINC	X	X	X				X			X				X					1	1	1		76			X					MEDITERRANEAN SE	232
XIPHIAS GLADIUS	CADMIUM	X	X	X				X			X				X					1	1	1		76			X					MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ACTA ADRIATICA-THALASSIA YUGOSLAVIA-HELLENIC LIMN.&OCEAN.ETC.

DATE 771208 INSTITUTE(241) ICELANDIC FISHERIES LABORATORIES
SKULGATA 4
REYKJAVIK
ICELAND

PROJECT(048) - STUDY OF METAL CONTENT IN EDIBLE SPECIES OF FISH DATA VALID AS OF 20/05/75

LEADER GEIR ARNESEN TELEPHONE 20240 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/
OPERATIONAL	/75	CONTINUING

PURPOSE OF PROJECT

ESTABLISH BASELINE DATA AROUND ICELAND.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVTSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXICITY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANARHICHAS LUPUS	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
ANARHICHAS LUPUS	COPPER								X						X				X	5	1	5		75	75								
ANARHICHAS LUPUS	ZINC								X						X				X	5	1	5		75	75								
ANARHICHAS LUPUS	CADMIUM								X						X				X	5	1	5		75	75								
ANARHICHAS LUPUS	LEAD	X							X						X				X	5	1	5		75	75								
BROSME BROSME	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
BROSME BROSME	COPPER								X						X				X	5	1	5		75	75								
BROSME BROSME	ZINC								X						X				X	5	1	5		75	75								
BROSME BROSME	CADMIUM								X						X				X	5	1	5		75	75								
BROSME BROSME	LEAD	X							X						X				X	5	1	5		75	75								
CYPRINA ISLANDICA	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
CYPRINA ISLANDICA	COPPER								X						X				X	5	1	5		75	75								
CYPRINA ISLANDICA	ZINC								X						X				X	5	1	5		75	75								
CYPRINA ISLANDICA	CADMIUM								X						X				X	5	1	5		75	75								
CYPRINA ISLANDICA	LEAD	X							X						X				X	5	1	5		75	75								
GADUS MORHUA	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
GADUS MORHUA	COPPER								X						X				X	5	1	5		75	75								
GADUS MORHUA	ZINC								X						X				X	5	1	5		75	75								
GADUS MORHUA	CADMIUM								X						X				X	5	1	5		75	75								
GADUS MORHUA	LEAD	X							X						X				X	5	1	5		75	75								
HIPPOGLOSSUS HIPPOG	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
HIPPOGLOSSUS HIPPOG	COPPER								X						X				X	5	1	5		75	75								
HIPPOGLOSSUS HIPPOG	ZINC								X						X				X	5	1	5		75	75								
HIPPOGLOSSUS HIPPOG	CADMIUM								X						X				X	5	1	5		75	75								
HIPPOGLOSSUS HIPPOG	LEAD	X							X						X				X	5	1	5		75	75								
MELANOGRAMMUS AEGLE	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
MELANOGRAMMUS AEGLE	COPPER								X						X				X	5	1	5		75	75								
MELANOGRAMMUS AEGLE	ZINC								X						X				X	5	1	5		75	75								
MELANOGRAMMUS AEGLE	CADMIUM								X						X				X	5	1	5		75	75								
MELANOGRAMMUS AEGLE	LEAD	X							X						X				X	5	1	5		75	75								
MOLVA MOLVA	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
MOLVA MOLVA	COPPER								X						X				X	5	1	5		75	75								
MOLVA MOLVA	ZINC								X						X				X	5	1	5		75	75								
MOLVA MOLVA	CADMIUM								X						X				X	5	1	5		75	75								
MOLVA MOLVA	LEAD	X							X						X				X	5	1	5		75	75								
PANDALUS BOREALIS	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
PANDALUS BOREALIS	COPPER								X						X				X	5	1	5		75	75								
PANDALUS BOREALIS	ZINC								X						X				X	5	1	5		75	75								
PANDALUS BOREALIS	CADMIUM								X						X				X	5	1	5		75	75								
PANDALUS BOREALIS	LEAD	X							X						X				X	5	1	5		75	75								
PECTEN ISLANDICUS	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
PECTEN ISLANDICUS	COPPER								X						X				X	5	1	5		75	75								
PECTEN ISLANDICUS	ZINC								X						X				X	5	1	5		75	75								
PECTEN ISLANDICUS	CADMIUM								X						X				X	5	1	5		75	75								
PECTEN ISLANDICUS	LEAD	X							X						X				X	5	1	5		75	75								
POLLACHIUS VIRENS	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
POLLACHIUS VIRENS	COPPER								X						X				X	5	1	5		75	75								
POLLACHIUS VIRENS	ZINC								X						X				X	5	1	5		75	75								
POLLACHIUS VIRENS	CADMIUM								X						X				X	5	1	5		75	75								
POLLACHIUS VIRENS	LEAD	X							X						X				X	5	1	5		75	75								
SEBASTES MARINUS	MERCURY-TOTAL								X						X				X	5	1	5		75	75								
SEBASTES MARINUS	COPPER								X						X				X	5	1	5		75	75								
SEBASTES MARINUS	ZINC								X						X				X	5	1	5		75	75								
SEBASTES MARINUS	CADMIUM								X						X				X	5	1	5		75	75								
SEBASTES MARINUS	LEAD	X							X						X				X	5	1	5		75	75								

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(249) NATIONAL INSTITUTE OF OCEANOGRAPHY INDIA
DONA PAULA
GOA 403 004

PROJECT(D20) - PROTECTION OF MARINE ENVIRONMENT & MONITORING OF POLLUTANTS DATA VALID AS OF 21/07/77

LEADER QASIM S.Z. TELEPHONE 2155 TELEX/CABLE OCEAN PJ 216

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 13

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/77
OPERATIONAL	/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO CONDUCT STUDIES ON THE LEVELS OF POLLUTANTS IN COASTAL WATERS AND THE EFFECT OF MAN-MADE CHANGES IN THE MARINE ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXICTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA SPP.	COPPER		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
CRASSOSTREA SPP.	ZINC		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
CRASSOSTREA SPP.	CADMIUM		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
CRASSOSTREA SPP.	ARSENIC		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
CRASSOSTREA SPP.	LEAD		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
CRASSOSTREA SPP.	PARASITES		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
CRASSOSTREA SPP.	BACTERIA		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
ETROPLUS SURATENSIS	COPPER		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
ETROPLUS SURATENSIS	ZINC		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
ETROPLUS SURATENSIS	CADMIUM		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
ETROPLUS SURATENSIS	ARSENIC		X	X	X				X		X				X				X	7	12	120	X	74					X			ARABIAN SEA	223
FISHES-MARINE N.E.I	ORGANOPHOSPHOR							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
FISHES-MARINE N.E.I	MERCURY-INORGA							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
FISHES-MARINE N.E.I	MERCURY-ORGANI							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
FISHES-MARINE N.E.I	MERCURY-TOTAL							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
FISHES-MARINE N.E.I	COPPER							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
FISHES-MARINE N.E.I	ZINC							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
FISHES-MARINE N.E.I	SELENIUM							X	X		X				X				X	4	12	100	X						X			BAY OF BENGAL	232
METAPENAEUS DOBSONI	COPPER		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
METAPENAEUS DOBSONI	ZINC		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
METAPENAEUS DOBSONI	CADMIUM		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
METAPENAEUS DOBSONI	ARSENIC		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
METAPENAEUS DOBSONI	LEAD		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
METAPENAEUS DOBSONI	PARASITES		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
METAPENAEUS DOBSONI	BACTERIA		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
MOLLUSCS-MARINE N.E	OIL(BY INFRARE																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	MERCURY-INORGA																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	MERCURY-ORGANI																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	COPPER																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	ZINC																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	CADMIUM																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	ARSENIC																															ARABIAN SEA	232
MOLLUSCS-MARINE N.E	FLUORIDE																															ARABIAN SEA	232
MUGIL SPP.	COPPER		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MUGIL SPP.	ZINC		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MUGIL SPP.	CADMIUM		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MUGIL SPP.	ARSENIC		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MUGIL SPP.	LEAD		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MUGIL SPP.	PARASITES		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MUGIL SPP.	BACTERIA		X	X	X				X		X				X				X	7	12	120	X	74								ARABIAN SEA	223
MYTILUS VIRIDUS	COPPER		X	X	X				X		X				X				X	7	12	250	X	74					X			ARABIAN SEA	225
MYTILUS VIRIDUS	ZINC		X	X	X				X		X				X				X	7	12	250	X	74					X			ARABIAN SEA	225
MYTILUS VIRIDUS	CADMIUM		X	X	X				X		X				X				X	7	12	250	X	74					X			ARABIAN SEA	225
MYTILUS VIRIDUS	ARSENIC		X	X	X				X		X				X				X	7	12	250	X	74					X			ARABIAN SEA	225
MYTILUS VIRIDUS	LEAD		X	X	X				X		X				X				X	7	12	250	X	74					X			ARABIAN SEA	225
PELECYPOD	COPPER							X	X		X				X					12	12	100	X	75								BAY OF BENGAL	225
PELECYPOD	ZINC							X	X		X				X					12	12	100	X	75								BAY OF BENGAL	225
PELECYPOD	FLUORIDE							X	X		X				X					12	12	100	X	75								BAY OF BENGAL	225
PENAEUS INDICUS	COPPER		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PENAEUS INDICUS	ZINC		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PENAEUS INDICUS	CADMIUM		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PENAEUS INDICUS	ARSENIC		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PENAEUS INDICUS	LEAD		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PENAEUS INDICUS	PARASITES		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PENAEUS INDICUS	BACTERIA		X	X	X				X		X				X				X	7	12	1000	X	74					X			ARABIAN SEA	225
PLANKTON	ORGANOPHOSPHOR														X						12	100	X									BAY OF BENGAL	232
PLANKTON	MERCURY-INORGA														X						12	100	X									BAY OF BENGAL	232
PLANKTON	MERCURY-ORGANI														X						12	100	X									BAY OF BENGAL	232
PLANKTON	MERCURY-TOTAL														X						12	100	X									BAY OF BENGAL	232
VELLORITA CYPRINOID	COPPER		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
VELLORITA CYPRINOID	ZINC		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
VELLORITA CYPRINOID	CADMIUM		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223
VELLORITA CYPRINOID	ARSENIC		X	X	X				X		X				X				X	7	12	250	X	74					X			BAY OF BENGAL	223

DONA PAULA
GOA 403 004

PROJECT(D20) - PROTECTION OF MARINE ENVIRONMENT & MONITORING OF POLLUTANTS   DATA VALID AS OF 21/07/77

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HOST SUBSTANCE       CONTAMINANT      C SAMPLE    PRESERVATION        SAMPLE  H NUMB ANNL NUMBER S  RAW DATA     BIOAS- GEOGRAPHIC     WAT
                                      A DESCRPTN METHOD               ORIGIN  U STNS FREQ  /YEAR I               SAYS   AREA           COD
                                      L  L W A D N I F S D F A O  F C A O M                      M YR YR C I P  T F O
                                      B  E E G E O C R A R O L T  I O Q T C                      W ST EN O N U  O D T
                                      R  N I E V T E O L I R C H  E M C H O                      A       M H B  X C H
                                      T  G G   S   D Z T E M O E  L R L E N                      T       P S L  C H B
                                      D  T H   T     E E D L H R  D C T R S                      E         E S  T N I
                                         H T   G     N D   N L      L R   P                      R           H  Y   O
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JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CURRENT SCIENCE, MAHASAGAR-BULL. NATN. INST. OCEANOGR. ETC.

DATE 771208 INSTITUTE(294) LABORATORIO DI RADIOATTIVITA AMBIENTALE ITALY
C.N.E.N.
CASELLA POSTALE 2400
ROME

PROJECT(106) - SURVEY ON RADIOACTIVE CONTAMINATION OF MARINE ORGANISMS DATA VALID AS OF 15/07/75

LEADER FRANCO GIORCELLI TELEPHONE 4698(3593) TELEX/CABLE NUCLIT61183

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	11/74	02/75
OPERATIONAL	06/75	CONTINUING

PURPOSE OF PROJECT

TO KEEP UNDER CONTROL THE RADIOACTIVE CONTAMINATION OF SOME ORGANISMS LIVING IN THE ITALIAN SEAS. TO UNDERSTAND PROPAGATION OF RADIOACTIVE CONTAMINATION OF ARTIFICIAL ORIGIN IN THE ENVIRONMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ENGRAULIS ENCRASICO	GAMMA-EMITTERS	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	CS-137	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	CO-60	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	ZN-65	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	RU-106	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	ZR-95	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
MYTILUS EDULIS	GAMMA-EMITTERS	X									X				X				X	3	4	200		75				X				MEDITERRANEAN SE	232
MYTILUS EDULIS	CS-137	X									X				X				X	3	4	200		75				X				MEDITERRANEAN SE	232
MYTILUS EDULIS	CO-60	X									X				X				X	3	4	200		75				X				MEDITERRANEAN SE	232
MYTILUS EDULIS	ZN-65	X									X				X				X	3	4	200		75				X				MEDITERRANEAN SE	232
MYTILUS EDULIS	RU-106	X									X				X				X	3	4	200		75				X				MEDITERRANEAN SE	232
MYTILUS EDULIS	ZR-95	X									X				X				X	3	4	200		75				X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	GAMMA-EMITTERS	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	CS-137	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	CO-60	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	ZN-65	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	RU-106	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	ZR-95	X									X				X				X	3	4	80		75				X				MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

KYOTO UNIVERSITY OF EDUCATION
FUSHIMI-KU
KYOTO 612

PROJECT(A01) - CHEMICAL TAXONOMY OF MARINE ORGANISMS DATA VALID AS OF 28/12/75

LEADER PROFESSOR TOSHIO YAMAMOTO TELEPHONE 0756419281 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/58	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ON THE DESCRIPTIVE STUDIES OF ELEMENTARY COMPOSITION IN VARIOUS OF MARINE ORGANISMS WHICH ARE SEAWEEDS, PLANKTONS, BENTHOS AND NEKTONS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATBR	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LIMNETIC WEEDS	ZINC			X							X				X					3	1	10		61	70			X				LAKE NYASA	211
LIMNETIC WEEDS	IRON			X							X				X					3	1	10		61	70			X				LAKE NYASA	211
LIMNETIC WEEDS	COBALT			X							X				X					3	1	10		61	70			X				LAKE NYASA	211
NEKTON	ZINC			X							X	X		X	X				X	5	2	10		73	75			X				NORTHERN PACIFIC	232
NEKTON	CADMIUM	X		X							X	X		X	X				X	5	2	10		73	75			X				NORTHERN PACIFIC	232
SEAWEEDS N.E.I.	COPPER			X							X				X				X	3	3	20		58				X				SEA OF JAPAN	232
SEAWEEDS N.E.I.	ZINC			X							X				X				X	3	3	20		58				X				SEA OF JAPAN	232
SEAWEEDS N.E.I.	CHROMIUM			X							X				X				X	3	3	20		58				X				SEA OF JAPAN	232
SEAWEEDS N.E.I.	COBALT			X							X				X				X	3	3	20		58				X				SEA OF JAPAN	232
BENTHOS	ZINC			X							X	X		X	X				X	5	2	30		73	75			X				NORTHERN PACIFIC	232
BENTHOS	CADMIUM	X		X							X	X		X	X				X	5	2	30		73	75			X				NORTHERN PACIFIC	232
PLANKTON-PHYTO	ZINC			X							X	X		X	X					10	1	20		64				X				S.W.SOUTH PACIFI	233
PLANKTON-PHYTO	IRON			X							X	X		X	X					10	1	20		64				X				S.W.SOUTH PACIFI	233
PLANKTON-ZOO	ZINC			X							X	X		X	X					10	1	20		64				X				SEA OF OKHOTSK	233
PLANKTON-ZOO	IRON			X							X	X		X	X					10	1	20		64				X				SEA OF OKHOTSK	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(316) FACULTY CF MARINE SCIENCE AND TECHNOLOGY JAPAN

TOKAI UNIVERSITY
1000 ORIDO, SHIMIZU
SHIZUOKA PREF. 424

PROJECT(113) - CONSERVATION OF MARINE ENVIROMENTS OF SURUGA BAY, JAPAN DATA VALID AS OF 12/06/75

LEADER SIGERU MOTODA TELEPHONE 0543340411 TELEX/CABLE TOKAIUNI

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATICNAL	/75	/78

SUB-PROGRAMME OF IDOF PROGRAMME

PURPOSE OF PROJECT

TRACE CHANGE IN CONTAMINANT LEVEL IN SURUGA BAY AFTER PROGRESSIVE DRAINAGE TREATMENT FROM THE PLANTS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CELLANA NIGROLINEAT	ALKANES-N-TOTA			X					X						X					4	1	50	X	75	75							NORTHERN PACIFIC	232
CELLANA NIGROLINEAT	HYDROCARBONS-A			X					X						X					4	1	50	X	75	75							NORTHERN PACIFIC	232
CELLANA NIGROLINEAT	HYDROCARBONS-S			X					X						X					4	1	50	X	75	75							NORTHERN PACIFIC	232
CRASSOSTREA GIGAS G	ALKANES-N-TOTA			X					X						X					4	1	50	X	75	75							NORTHERN PACIFIC	232
CRASSOSTREA GIGAS G	HYDROCARBONS-A			X					X						X					4	1	50	X	75	75							NORTHERN PACIFIC	232
CRASSOSTREA GIGAS G	HYDROCARBONS-S			X					X						X					4	1	50	X	75	75							NORTHERN PACIFIC	232
MYTILUS EDULIS	DDE-PP										X									8	1	500		75	75							NORTHERN PACIFIC	232
MYTILUS EDULIS	PCB'S										X									8	1	500		75	75							NORTHERN PACIFIC	232
NOCTILUCA SCINTILLA	ALKANES-N-TOTA											X			X					1	1	50	X	75	75							NORTHERN PACIFIC	232
TAPES PHILIPPINARUM	ALKANES-N-TOTA			X					X						X					1	1	50	X	75	75							NORTHERN PACIFIC	232
TAPES PHILIPPINARUM	HYDROCARBONS-A			X					X						X					1	1	50	X	75	75							NORTHERN PACIFIC	232
TAPES PHILIPPINARUM	HYDROCARBONS-S			X					X						X					1	1	50	X	75	75							NORTHERN PACIFIC	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT(C56) - SURVEY OF WATER POLLUTION IN KOREAN WATERS DATA VALID AS OF 04/05/77

LEADER JOO-SUCK PARK TELEPHONE 490021-6 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 1959000 US DOLLAR EQUIVALENT - 40393 STAFF OF 15

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/
OPERATIONAL	/	CONTINUING

SUB-PROGRAMME OF CSK

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

PROTECTION OF WATERS OF KOREA. CONSERVATION OF MARINE COMMERCIAL RESOURCES FROM POLLUTANTS DISCHARGED FROM COASTAL INDUSTRIAL COMPLEX. TO PROVIDE BASIC DATA FOR QUALITY CRITERIA. TO CONTROL INDUSTRIAL UNTREATED EFFLUENTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HUCOMNP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA YR ST	RAW DATA PUBLSH	GEOGRAPHIC AREA	WAT COD
ANADARA BROUGHTONII	MERCURY-TOTAL	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
ANADARA BROUGHTONII	COPPER	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
ANADARA BROUGHTONII	ZINC	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
ANADARA BROUGHTONII	CADMIUM	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
ANADARA BROUGHTONII	LEAD	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
ARCTOSCOPUS JAPONIC	MERCURY-TOTAL	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ARCTOSCOPUS JAPONIC	COPPER	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ARCTOSCOPUS JAPONIC	ZINC	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ARCTOSCOPUS JAPONIC	CADMIUM	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ARCTOSCOPUS JAPONIC	LEAD	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ASTROCONGER MYRIAST	MERCURY-TOTAL	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ASTROCONGER MYRIAST	COPPER	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ASTROCONGER MYRIAST	ZINC	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ASTROCONGER MYRIAST	CADMIUM	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
ASTROCONGER MYRIAST	LEAD	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
CALLICHTHYS NIVAETU	MERCURY-TOTAL	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
CALLICHTHYS NIVAETU	COPPER	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
CALLICHTHYS NIVAETU	ZINC	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
CALLICHTHYS NIVAETU	CADMIUM	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
CALLICHTHYS NIVAETU	LEAD	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
CRASSOSTREA GIGAS G	MERCURY-TOTAL	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
CRASSOSTREA GIGAS G	COPPER	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
CRASSOSTREA GIGAS G	ZINC	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
CRASSOSTREA GIGAS G	CADMIUM	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
CRASSOSTREA GIGAS G	LEAD	X	X	X	X	X	1	2	40	73	X	EAST CHINA SEA(I	225
CYCLINA SINENSIS	MERCURY-TOTAL	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
CYCLINA SINENSIS	COPPER	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
CYCLINA SINENSIS	ZINC	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
CYCLINA SINENSIS	CADMIUM	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
CYCLINA SINENSIS	LEAD	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
ENGRAULIS JAPONICUS	MERCURY-TOTAL	X	X	X	X	X	1	2	50	73	X	EAST CHINA SEA(I	225
ENGRAULIS JAPONICUS	COPPER	X	X	X	X	X	1	2	50	73	X	EAST CHINA SEA(I	225
ENGRAULIS JAPONICUS	ZINC	X	X	X	X	X	1	2	50	73	X	EAST CHINA SEA(I	225
ENGRAULIS JAPONICUS	CADMIUM	X	X	X	X	X	1	2	50	73	X	EAST CHINA SEA(I	225
ENGRAULIS JAPONICUS	LEAD	X	X	X	X	X	1	2	50	73	X	EAST CHINA SEA(I	225
GELIDIUM AMANSII	MERCURY-TOTAL	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
GELIDIUM AMANSII	COPPER	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
GELIDIUM AMANSII	ZINC	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
GELIDIUM AMANSII	CADMIUM	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
GELIDIUM AMANSII	LEAD	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
HALIOTIS GIGANTEA	MERCURY-TOTAL	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225
HALIOTIS GIGANTEA	COPPER	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225
HALIOTIS GIGANTEA	ZINC	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225
HALIOTIS GIGANTEA	CADMIUM	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225
HALIOTIS GIGANTEA	LEAD	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225
LAMINARIA JAPONICA	MERCURY-TOTAL	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
LAMINARIA JAPONICA	COPPER	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
LAMINARIA JAPONICA	ZINC	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
LAMINARIA JAPONICA	CADMIUM	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
LAMINARIA JAPONICA	LEAD	X	X	X	X	X	1	2	2	73	X	SEA OF JAPAN	225
MERETRIX MERETRIX	MERCURY-TOTAL	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
MERETRIX MERETRIX	COPPER	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
MERETRIX MERETRIX	ZINC	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
MERETRIX MERETRIX	CADMIUM	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
MERETRIX MERETRIX	LEAD	X	X	X	X	X	1	2	20	73	X	EAST CHINA SEA(I	225
OCTOPUS VULGARIS	MERCURY-TOTAL	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
OCTOPUS VULGARIS	COPPER	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
OCTOPUS VULGARIS	ZINC	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
OCTOPUS VULGARIS	CADMIUM	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
OCTOPUS VULGARIS	LEAD	X	X	X	X	X	1	2	8	73	X	SEA OF JAPAN	225
PARALICHTHYS OLIVAC	MERCURY-TOTAL	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225
PARALICHTHYS OLIVAC	COPPER	X	X	X	X	X	1	2	8	73	X	EAST CHINA SEA(I	225

DATE 771208 INSTITUTE(330) FISHERIES RESEARCH AND DEVELOPMENT AGENCY KOREA, DEM. POP. REP. OF
ENVIRONMENT RESEARCH SECTION
YONGDO-GU,BUSAN 606

PROJECT(C56) - SURVEY OF WATER POLLUTION IN KOREAN WATERS DATA VALID AS OF 04/05/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HUC	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI M WATER	RAW DATA MYR ST	RAW DATA PUBLSH	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
PARALICHTHYS OLIVAC	ZINC	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PARALICHTHYS OLIVAC	CADMIUM	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PARALICHTHYS OLIVAC	LEAD	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PENAEUS ORIENTALIS	MERCURY-TOTAL	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PENAEUS ORIENTALIS	COPPER	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PENAEUS ORIENTALIS	ZINC	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PENAEUS ORIENTALIS	CADMIUM	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PENAEUS ORIENTALIS	LEAD	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PORPHYRA TENERA	MERCURY-TOTAL	X	X	X	X	X	1	2	2		73	X		EAST CHINA SEA(I	225
PORPHYRA TENERA	COPPER	X	X	X	X	X	1	2	2		73	X		EAST CHINA SEA(I	225
PORPHYRA TENERA	ZINC	X	X	X	X	X	1	2	2		73	X		EAST CHINA SEA(I	225
PORPHYRA TENERA	CADMIUM	X	X	X	X	X	1	2	2		73	X		EAST CHINA SEA(I	225
PORPHYRA TENERA	LEAD	X	X	X	X	X	1	2	2		73	X		EAST CHINA SEA(I	225
PORTUNUS TRITUBERCU	MERCURY-TOTAL	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PORTUNUS TRITUBERCU	COPPER	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PORTUNUS TRITUBERCU	ZINC	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PORTUNUS TRITUBERCU	CADMIUM	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PORTUNUS TRITUBERCU	LEAD	X	X	X	X	X	1	2	20		73	X		EAST CHINA SEA(I	225
PSEUDOSCIAENA MANCH	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PSEUDOSCIAENA MANCH	COPPER	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PSEUDOSCIAENA MANCH	ZINC	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PSEUDOSCIAENA MANCH	CADMIUM	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
PSEUDOSCIAENA MANCH	LEAD	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SAWARA NIPHONIA	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SAWARA NIPHONIA	COPPER	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SAWARA NIPHONIA	ZINC	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SAWARA NIPHONIA	CADMIUM	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SAWARA NIPHONIA	LEAD	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SCOMBER JAPONICUS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBER JAPONICUS	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBER JAPONICUS	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBER JAPONICUS	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBER JAPONICUS	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBERESOX SAURUS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBERESOX SAURUS	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBERESOX SAURUS	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBERESOX SAURUS	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SCOMBERESOX SAURUS	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SERIOLA QUINQUERADI	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SERIOLA QUINQUERADI	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SERIOLA QUINQUERADI	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SERIOLA QUINQUERADI	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SERIOLA QUINQUERADI	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SPARUS(=CHRYSOPHRYS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SPARUS(=CHRYSOPHRYS	COPPER	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SPARUS(=CHRYSOPHRYS	ZINC	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SPARUS(=CHRYSOPHRYS	CADMIUM	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SPARUS(=CHRYSOPHRYS	LEAD	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
SPHOEROIDES RUBRIPS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SPHOEROIDES RUBRIPS	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SPHOEROIDES RUBRIPS	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SPHOEROIDES RUBRIPS	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
SPHOEROIDES RUBRIPS	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TAPES JAPONICA	MERCURY-TOTAL	X	X	X	X	X	1	2	40		73	X		EAST CHINA SEA(I	225
TAPES JAPONICA	COPPER	X	X	X	X	X	1	2	40		73	X		EAST CHINA SEA(I	225
TAPES JAPONICA	ZINC	X	X	X	X	X	1	2	40		73	X		EAST CHINA SEA(I	225
TAPES JAPONICA	CADMIUM	X	X	X	X	X	1	2	40		73	X		EAST CHINA SEA(I	225
TAPES JAPONICA	LEAD	X	X	X	X	X	1	2	40		73	X		EAST CHINA SEA(I	225
THERAGRA CHALCOGRAM	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
THERAGRA CHALCOGRAM	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
THERAGRA CHALCOGRAM	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
THERAGRA CHALCOGRAM	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
THERAGRA CHALCOGRAM	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TODARODES SAGITTATU	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TODARODES SAGITTATU	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TODARODES SAGITTATU	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TODARODES SAGITTATU	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TODARODES SAGITTATU	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRACHURUS JAPONICUS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRACHURUS JAPONICUS	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRACHURUS JAPONICUS	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRACHURUS JAPONICUS	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRACHURUS JAPONICUS	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRICHIURUS LEPTURUS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRICHIURUS LEPTURUS	COPPER	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRICHIURUS LEPTURUS	ZINC	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRICHIURUS LEPTURUS	CADMIUM	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TRICHIURUS LEPTURUS	LEAD	X	X	X	X	X	1	2	8		73	X		SEA OF JAPAN	225
TURBO CORNUTUS	MERCURY-TOTAL	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
TURBO CORNUTUS	COPPER	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225
TURBO CORNUTUS	ZINC	X	X	X	X	X	1	2	8		73	X		EAST CHINA SEA(I	225

DATE 771208 INSTITUTE(330) FISHERIES RESEARCH AND DEVELOPMENT AGENCY KOREA, DEM. POP. REP. OF
ENVIRONMENT RESEARCH SECTION
YONGDO-GU,BUSAN 606

PROJECT(C56) - SURVEY OF WATER POLLUTION IN KOREAN WATERS DATA VALID AS OF 04/05/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
TURBO CORNUTUS	CADMIUM	X		X					X							X			X	1	2	8		73				X				EAST CHINA SEA(I	225
TURBO CORNUTUS	LEAD	X		X					X							X			X	1	2	8		73				X				EAST CHINA SEA(I	225
UNDARIA PRCMATIFIDA	MERCURY-TOTAL	X		X					X							X			X	1	2	2		73				X				SEA OF JAPAN	225
UNDARIA PRCMATIFICA	COPPER	X		X					X							X			X	1	2	2		73				X				SEA OF JAPAN	225
UNDARIA PROMATIFIDA	ZINC	X		X					X							X			X	1	2	2		73				X				SEA OF JAPAN	225
UNDARIA PROMATIFIDA	CADMIUM	X		X					X							X			X	1	2	2		73				X				SEA OF JAPAN	225
UNDARIA PROMATIFIDA	LEAD	X		X					X							X			X	1	2	2		73				X				SEA OF JAPAN	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

TECHN.REPORT-BULL.OF FISHERIES RES.&DEV.AGENCY

DATE 771208 INSTITUTE(390) NETHERLANDS INSTITUTE FOR FISHERY INVESTIGATION NETHERLANDS
P.O. BOX 68
IJMUIDEN

PROJECT(001) - LAC-PROJECT REGISTRATION OF FISH POLLUTION DATA VALID AS OF 01/04/75

LEADER PROF. DR. P. KORRINGA TELEPHONE 0255019131 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	10/71	CONTINUING

PURPOSE OF PROJECT

QUALITY CONTROL OF DUTCH FISHERIES LANDINGS ON CRITICAL SAMPLING AREAS (E.G. DUTCH COASTAL WATERS AND YSSEL LAKE)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN (LENGTH WEIGHT AGE DEVST)	PRESERVATION METHOD (NOTE ICE FROZEN SALTED DRIED FORMOL ALCOHOL OTHER)	SAMPLE ORIGIN (FIELD COMMERCIAL AQUACULTURE OTHER)	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHOUSE	PUBLSH	BIOASSAYS (TOXCTY FDCHNY OTHBIO)	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	BHC-ALPHA	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	BHC-ALPHA	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	ZN-65	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	ZN-65	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	RU-106	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	RU-106	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	ZR-95	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
ANGUILLA ANGUILLA	ZR-95	X		X	X	X	1	4	40		71			X			NETHERLANDS	211
CRANGON CRANGON	BHC-ALPHA	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	BHC-GAMMA			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	DIELDRIN			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	DDE-PP			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	TDE-PP			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	DDT-PP			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	DDT-OP			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	DDT-TOTAL			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	PCB'S			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	MERCURY-TOTAL			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	COPPER			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	ZINC			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	CHROMIUM			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	CADMIUM			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	ARSENIC			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	LEAD			X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	SR-90	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	CS-137	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	CO-60	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	FE-55	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	ZN-65	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	RU-106	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
CRANGON CRANGON	ZR-95	X		X	X	X	3	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	BHC-ALPHA	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	BHC-GAMMA			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	DIELDRIN			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	DDE-PP			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	TDE-PP			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	DDT-PP			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	DDT-OP			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	DDT-TOTAL			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	PCB'S			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	MERCURY-TOTAL			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	COPPER			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	ZINC			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	CHROMIUM			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	CADMIUM			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	ARSENIC			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	LEAD			X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	SR-90	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	CS-137	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	CO-60	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	FE-55	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	ZN-65	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	RU-106	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
MYTILUS EDULIS	ZR-95	X		X	X	X	2	4	60		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	BHC-ALPHA	X		X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	BHC-GAMMA			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	DIELDRIN			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	DDE-PP			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	TDE-PP			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	DDT-PP			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	DDT-OP			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	DDT-TOTAL			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	PCB'S			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	MERCURY-TOTAL			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233
OSTREA EDULIS	COPPER			X	X	X	1	4	10		71			X			NORTH SEA(INCL.S	233

P.O. BOX 68
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PROJECT(001) - LAC-PROJECT REGISTRATION OF FISH POLLUTION DATA VALID AS OF 01/04/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTRTD	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
OSTREA EDULIS	ZINC								X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	CHROMIUM								X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	CADMIUM								X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	ARSENIC								X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	LEAD								X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	SR-90	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	CS-137	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	CO-60	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	FE-55	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	ZN-65	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	RU-106	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
OSTREA EDULIS	ZR-95	X							X							X			X	1	4	10		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	BHC-ALPHA	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	BHC-ALPHA	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	ZN-65	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	ZN-65	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	RU-106	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	RU-106	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	ZR-95	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
SOLEA VULGARIS	ZR-95	X							X							X			X	3	4	40		71			X					NORTH SEA(INCL.S	233
STIZOSTEDION LUCIOP	BHC-ALPHA	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	BHC-GAMMA								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	DIELDRIN								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	DDE-PP								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	TDE-PP								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	DDT-PP								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	DDT-OP								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	DDT-TOTAL								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	PCB'S								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	MERCURY-TOTAL								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	COPPER								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	ZINC								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	CHROMIUM								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	CADMIUM								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	ARSENIC								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	LEAD								X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	SR-90	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	CS-137	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	CO-60	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	FE-55	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	ZN-65	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	RU-106	X							X							X			X	1	4	40		71			X					NETHERLANDS	211
STIZOSTEDION LUCIOP	ZR-95	X							X							X			X	1	4	40		71			X					NETHERLANDS	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(391) DEPARTMENT OF TOXICOLOGY NETHERLANDS
AGRICULTURAL UNIVERSITY
DE DREIJEN 11
WAGENINGEN

PROJECT(071) - INVESTIGATIONS OF TOXILOGICAL SIGNIFICANCE OF HG. DATA VALID AS OF / /

LEADER DR. W.S.M. VAN DE VEN TELEPHONE 82636 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /70 /
OPERATIONAL /70 CONTINUING

PURPOSE OF PROJECT

TO INVESTIGATE WHETHER BIOTRANSFORMATION OF ALKYL-HG COMPOUNDS IS AN ENZYMATIC PROCESS. TO STUDY THE ROLE OF SE IN THIS CONTEXT. TO STUDY THE TOXICOLOGICAL MEANING OF THE BIOTRANSFORMATION OF HG IN SEALS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCOMSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHBSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRJSTOFORA CRISTATA	MERCURY-ORGANI	X			X				X						X					1		7		71				X				GREENLAND SEA	233
CRJSTOFORA CRISTATA	MERCURY-TOTAL	X			X				X						X					1		7		71				X				GREENLAND SEA	233
CRJSTOFORA CRISTATA	ZINC	X			X				X						X					1		7		71				X				GREENLAND SEA	233
CRJSTOFORA CRISTATA	CADMIUM	X			X				X						X					1		7		71				X				GREENLAND SEA	233
CRJSTOFORA CRISTATA	ARSENIC	X			X				X						X					1		7		71				X				GREENLAND SEA	233
CRJSTOFORA CRISTATA	ANTIMONY	X			X				X						X					1		7		71				X				GREENLAND SEA	233
CRJSTOFORA CRISTATA	SELENIUM	X			X				X						X					1		7		71				X				GREENLAND SEA	233
DELPHINUS DELPHIS	MERCURY-ORGANI	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
DELPHINUS DELPHIS	MERCURY-TOTAL	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
DELPHINUS DELPHIS	ZINC	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
DELPHINUS DELPHIS	CADMIUM	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
DELPHINUS DELPHIS	ARSENIC	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
DELPHINUS DELPHIS	ANTIMONY	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
DELPHINUS DELPHIS	SELENIUM	X							X						X					1		2		71				X				S.W.SOUTH PACIFI	233
HALICHOERUS GRYPUS	MERCURY-ORGANI	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
HALICHOERUS GRYPUS	MERCURY-TOTAL	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
HALICHOERUS GRYPUS	ZINC	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
HALICHOERUS GRYPUS	CADMIUM	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
HALICHOERUS GRYPUS	ARSENIC	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
HALICHOERUS GRYPUS	ANTIMONY	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
HALICHOERUS GRYPUS	SELENIUM	X			X				X						X					1	3	3		70				X				NORTH SEA(INCL.S	232
LAGENORHYNCHUS OBSU	MERCURY-ORGANI	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
LAGENORHYNCHUS OBSU	MERCURY-TOTAL	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
LAGENORHYNCHUS OBSU	ZINC	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
LAGENORHYNCHUS OBSU	CADMIUM	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
LAGENORHYNCHUS OBSU	ARSENIC	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
LAGENORHYNCHUS OBSU	ANTIMONY	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
LAGENORHYNCHUS OBSU	SELENIUM	X							X						X					1		1		71				X				S.W.SOUTH PACIFI	233
PAGOPHILUS GROENLAN	MERCURY-ORGANI	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PAGOPHILUS GROENLAN	MERCURY-TOTAL	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PAGOPHILUS GROENLAN	ZINC	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PAGOPHILUS GROENLAN	CADMIUM	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PAGOPHILUS GROENLAN	ARSENIC	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PAGOPHILUS GROENLAN	ANTIMONY	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PAGOPHILUS GROENLAN	SELENIUM	X			X				X						X					1		4		71				X				GREENLAND SEA	233
PHOCA VITULINA	MERCURY-ORGANI	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCA VITULINA	MERCURY-TOTAL	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCA VITULINA	ZINC	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCA VITULINA	CADMIUM	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCA VITULINA	ARSENIC	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCA VITULINA	ANTIMONY	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCA VITULINA	SELENIUM	X			X				X						X					1	3	10		70			X	X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	MERCURY-ORGANI	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	MERCURY-TOTAL	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	ZINC	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	CADMIUM	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	ARSENIC	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	ANTIMONY	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
PHOCOENA PHOCOENA	SELENIUM	X			X				X						X					1		3		71				X				NORTH SEA(INCL.S	232
SOTALIA GUIANENSIS	MERCURY-ORGANI	X							X						X					1		2		71				X				GUYANA	212
SOTALIA GUIANENSIS	MERCURY-TOTAL	X							X						X					1		2		71				X				GUYANA	212
SOTALIA GUIANENSIS	ZINC	X							X						X					1		2		71				X				GUYANA	212
SOTALIA GUIANENSIS	CADMIUM	X							X						X					1		2		71				X				GUYANA	212
SOTALIA GUIANENSIS	ARSENIC	X							X						X					1		2		71				X				GUYANA	212
SOTALIA GUIANENSIS	ANTIMONY	X							X						X					1		2		71				X				GUYANA	212
SOTALIA GUIANENSIS	SELENIUM	X							X						X					1		2		71				X				GUYANA	212
TURSIOPS TRUNCATUS	MERCURY-ORGANI	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	
TURSIOPS TRUNCATUS	MERCURY-TOTAL	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	
TURSIOPS TRUNCATUS	ZINC	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	
TURSIOPS TRUNCATUS	CADMIUM	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	
TURSIOPS TRUNCATUS	ARSENIC	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	
TURSIOPS TRUNCATUS	ANTIMONY	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	
TURSIOPS TRUNCATUS	SELENIUM	X	X	X	X				X										X	1		3		71				X				NETHERLANDS	

DATE 771208 INSTITUTE(391) DEPARTMENT OF TOXICOLOGY NETHERLANDS

AGRICULTURAL UNIVERSITY
DE DREIJEN 11
WAGENINGEN

PROJECT(071) - INVESTIGATIONS OF TOXILOGICAL SIGNIFICANCE OF HG. DATA VALID AS OF / /

HOST SUBSTANCE | CONTAMINANT | C A L B R T D | SAMPLE DESCRPTN | PRESERVATION METHOD | SAMPLE ORIGIN | H U | NUMB STNS | ANNL FREQ | NUMBER /YEAR | S I | RAW DATA | BIOAS-SAYS | GEOGRAPHIC AREA | NAT COD

SAMPLE DESCRPTN: L L W A D / E E G E / N I E V / G G S / T H T / H T G
PRESERVATION METHOD: N I F S D F A O / C C R A R O L T / T E O L I R C H / D Z T E M O E / E E D L H R / N D N L
SAMPLE ORIGIN: F C A O / I O Q T / E M C H / L R L E / D C T R / L R
H U: M C O N S P
S I: M W A T E R
RAW DATA: YR ST / YR EN / C O M P / I N H S E S / P U B L S H
BIOASSAYS: T O X C T Y / F D C H N / O T H B I O

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(402)

ZOOLOGY DEPARTMENT
UNIVERSITY OF CANTERBURY
PRIVATE BAG
CHRISTCHURCH 4

NEW ZEALAND

PROJECT(B11) - TRACE METAL CONTAMINANTS IN NEW ZEALAND ESTUARIES DATA VALID AS OF 01/05/77

LEADER MILLHOUSE D.G. TELEPHONE 792260 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 1000 US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/75	CONTINUING

PURPOSE OF PROJECT

TO ESTABLISH BASELINE LEVELS OF METAL CONCENTRATIONS IN NEW ZEALAND ESTUARIES AND COASTAL WATERS, AND TO SEPARATE NATURAL AND MAN-DERIVED SOURCES OF CONTAMINATION

DETAILS OF DATA COLLECTION/STORAGE

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HOST SUBSTANCE   CONTAMINANT   C SAMPLE    PRESERVATION    SAMPLE    H NUMB ANNL NUMBER S  RAW DATA     BIOAS-  GEOGRAPHIC   WAT
                               A DESCRPTN METHOD           ORIGIN    U STNS FREQ  /YEAR I                SAYS   AREA         COD
                               L  L W A D N I F S D F A O  F C A O M                    M YR YR C I P   T F O
                               B  E E G E O C R A R O L T  I O Q T C                    W ST EN O N U   O D T
                               R  N I E V T E O L I R C H  E M C H O                    A       M H B   X C H
                               T  G G   S   D Z T E M O E  L R L E N                    T       P S L   C H B
                               D  T H   T     E E D L H R  D C T R S                    E         E S   T W I
                                  H T   G     N D   N L      L R   P                    R           H   Y   O
```

HOST SUBSTANCE	CONTAMINANT	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	NUMB STNS	ANNL FREQ	NUMBER /YEAR	YR ST	RAW DATA C	RAW DATA I	GEOGRAPHIC AREA	WAT COD
AMPHIBOLA CRENATA	MERCURY-TOTAL	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	COPPER	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	ZINC	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	CADMIUM	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	ARSENIC	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	NICKEL	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	LEAD	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	MERCURY-TOTAL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	COPPER	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	ZINC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	CADMIUM	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	ARSENIC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	NICKEL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
CHIONE STOTCHBURIGR	LEAD	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	MERCURY-TOTAL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	COPPER	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	ZINC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	CADMIUM	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	ARSENIC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	NICKEL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
GALAXIAS SPP	LEAD	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
HEMIGRAPSUS SPP.	MERCURY-TOTAL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
HEMIGRAPSUS SPP.	COPPER	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
HEMIGRAPSUS SPP.	ZINC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
HEMIGRAPSUS SPP.	CADMIUM	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFT	223
HEMIGRAPSUS SPP.	ARSENIC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
HEMIGRAPSUS SPP.	NICKEL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
HEMIGRAPSUS SPP.	LEAD	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	MERCURY-TOTAL	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	COPPER	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	ZINC	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	CADMIUM	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	ARSENIC	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	NICKEL	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
MELAGRAPHIA AETHIOP	LEAD	X	X	X	8	1	40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	MERCURY-TOTAL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	COPPER	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	ZINC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	CADMIUM	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	ARSENIC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	NICKEL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	LEAD	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	MERCURY-TOTAL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	COPPER	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	ZINC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	CADMIUM	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	ARSENIC	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	NICKEL	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223
ULVA LACTUCA	LEAD	X	X	X	8		40	75	X	X	S.E.SOUTH PACIFI	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

UNIVERSITY OF CANTERBURY
PRIVATE BAG
CHRISTCHURCH 4

PROJECT(108) - HEAVY METAL POLLUTION OF THE AVON-HEATHCOTE ESTUARY DATA VALID AS OF 21/07/75

LEADER M.B.JONES AND S.L.BENNINGT TELEPHONE 71649 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/74	/
OPERATIONAL	/75 CONTINUING	

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

RECORD SEASONAL LEVELS OF HEAVY METAL POLLUTANTS IN THE WATER, SEDIMENTS AND FLORA/FAUNA OF THE AVON-HEATHCOTE ESTUARY. INVESTIGATE EFFECTS OF HEAVY METALS ON BIOPHYSICAL ASPECTS OF SELECTED ESTUARINE ORGANISMS IN CONTROLLED LABORATORY CONDITIONS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
AMPHIBOLA CRENATA	COPPER	X	X	X	X								X	X	X					2	12	12		74	76	X	X		X		X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	ZINC	X	X	X	X								X	X	X					2	12	12		74	76	X	X		X		X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	CHROMIUM	X	X	X	X								X	X	X					2	12	12		74	76	X	X		X		X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	CADMIUM	X	X	X	X								X	X	X					2	12	12		74	76	X	X		X		X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	NICKEL	X	X	X	X								X	X	X					2	12	12		74	76	X	X		X		X	S.E.SOUTH PACIFI	223
AMPHIBOLA CRENATA	LEAD	X	X	X	X								X	X	X					2	12	12		74	76	X	X		X		X	S.E.SOUTH PACIFI	223
CRABS-MARINE N.E.I.	COPPER	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
CRABS-MARINE N.E.I.	ZINC	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
CRABS-MARINE N.E.I.	CHROMIUM	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
CRABS-MARINE N.E.I.	CADMIUM	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
CRABS-MARINE N.E.I.	NICKEL	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
CRABS-MARINE N.E.I.	LEAD	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
MALAGRAPHIA AETHIOP	COPPER	X	X	X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
MALAGRAPHIA AETHIOP	ZINC	X	X	X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
MALAGRAPHIA AETHIOP	CHROMIUM	X	X	X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
MALAGRAPHIA AETHIOP	CADMIUM	X	X	X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
MALAGRAPHIA AETHIOP	NICKEL	X	X	X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
MALAGRAPHIA AETHIOP	LEAD	X	X	X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	COPPER	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	ZINC	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	CHROMIUM	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	CADMIUM	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
PALAEMON AFFINES	NICKEL	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
PALAEMON AFFINIS	LEAD	X	X	X											X					9	12	12	X	75		X	X		X		X	S.E.SOUTH PACIFI	223
ULVA SPP.	COPPER	X		X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
ULVA SPP.	ZINC	X		X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
ULVA SPP.	CHROMIUM	X		X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
ULVA SPP.	CADMIUM	X		X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
ULVA SPP.	NICKEL	X		X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223
ULVA SPP.	LEAD	X		X											X					9	12	12	X	75		X	X					S.E.SOUTH PACIFI	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(405) NEW ZEALAND DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH CHEMISTRY DIVISION PRIVATE BAG PETONE NEW ZEALAND

PROJECT(129) - MERCURY IN FISH DATA VALID AS OF 28/08/75

LEADER MAC DONALD I.R.C. TELEPHONE 666919 TELEX/CABLE CHEMDIV

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/71	12/72

PURPOSE OF PROJECT

TO IDENTIFY THOSE SPECIES OF COMMERCIAL SEAFISH WHOSE MERCURY CONTENT EXCEEDS 0.5 PPM. TO ASSESS MERCURY LEVELS IN TROUT FROM WATERS KNOWN TO BE CONTAMINATED BY GEOTHERMAL AND INDUSTRIAL MERCURY.-

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMALN	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWXTER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CALLORHYNCHUS MILII	MERCURY-TOTAL	X	X						X							X			X	2	1	24		72	72		X					SOUTH PACIFIC OC	233
CARANX GEORGIANUS	MERCURY-TOTAL	X	X	X					X							X			X	2	1	10		72	72		X					SOUTH PACIFIC OC	233
CHEILODACTYLUS MACR	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233
CHELIDONICHTHYS KUM	MERCURY-TOTAL	X	X	X					X							X			X	2	1	10		72	72		X					SOUTH PACIFIC OC	233
CHRYSOPHRYS AURATA	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233
GALEORHINUS AUSTRAL	MERCURY-TOTAL	X	X						X							X			X	2	1	25		72	72		X					SOUTH PACIFIC OC	233
GENYPTERUS BLACODES	MERCURY-TOTAL	X	X	X					X							X			X	1	1	5		72	72		X					SOUTH PACIFIC OC	233
LATRIDOPSIS CILIARI	MERCURY-TOTAL	X	X	X					X							X			X	1	1	8		72	72		X					SOUTH PACIFIC OC	233
MUGIL CEPHALUS	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233
MUSTELUS ANTARCTICU	MERCURY-TOTAL	X	X						X							X			X	1	1	7		72	72		X					SOUTH PACIFIC OC	233
PARAPERCIS COLIAS	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233
POLYPRION OXYGENEIO	MERCURY-TOTAL	X	X	X					X							X			X	1	1	7		72	72		X					SOUTH PACIFIC OC	233
PSEUDOPHYCIS BACCHU	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233
REXEA SOLANDRI	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233
RHOMBOSOLEA PLEBEIA	MERCURY-TOTAL	X	X	X					X							X			X	2	1	10		72	72		X					SOUTH PACIFIC OC	233
SALMO SPP.	MERCURY-TOTAL	X		X					X						X				X	4	1	21	X	71	71			X				NEW ZEALAND	211
SALMO SPP.	MERCURY-TOTAL	X		X					X						X				X	3	1	62	X	71	71			X				NEW ZEALAND	212
THYRSITES(=LEIONURA	MERCURY-TOTAL	X	X	X					X							X			X	2	1	10		72	72		X					SOUTH PACIFIC OC	233
TRACHURUS DECLIVIS	MERCURY-TOTAL	X	X	X					X							X			X	1	1	8		72	72		X					SOUTH PACIFIC OC	233
ZEUS FABER	MERCURY-TOTAL	X	X	X					X							X			X	1	1	10		72	72		X					SOUTH PACIFIC OC	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208   INSTITUTE(406)   MINISTRY OF AGRICULTURE AND FISHERIES   NEW ZEALAND
WALLACEVILLE ANIMAL RESEARCH CENTER
RESEARCH DIVISION
PRIVATE BAG
UPPER HUTT

PROJECT(C35) - MERCURY IN FISH SURVEY.   DATA VALID AS OF 28/04/77

LEADER   SOLLY S.R.B.   TELEPHONE 86089   TELEX/CABLE

FUNDING - NATIONAL CURRENCY   US DOLLAR EQUIVALENT -   15000   STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	09/72	10/72
OPERATIONAL	11/72	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE WHICH COMMERCIAL SPECIES OF NEW ZEALAND MARINE FISH COMPLY WITH OVERSEAS TOLERANCES FOR MERCURY

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NET	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQUACULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIWATER	RAW DATA YR ST	YR EN	CQMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ARRIPIS TRUTTA	MERCURY-INORGA	X	X	X	X				X						X				X	8	0.2	7		72			X					S.W.SOUTH PACIFI	233
ARRIPIS TRUTTA	MERCURY-ORGANI	X	X	X	X				X						X				X	8	0.2	7		72			X					S.W.SOUTH PACIFI	233
ARRIPIS TRUTTA	MERCURY-TOTAL	X	X	X	X				X						X				X	8	0.2	7		72			X					S.W.SOUTH PACIFI	233
CALLORHYNCHUS MILII	MERCURY-TOTAL	X	X	X	X				X						X				X	2	1	6		76			X					S.W.SOUTH PACIFI	233
CARANX LUTESCENS	MERCURY-TOTAL	X	X	X	X				X						X				X	4	0.3	7		74			X					S.W.SOUTH PACIFI	233
CHEILODACTYLUS MACR	MERCURY-TOTAL	X	X	X	X				X						X				X	2	1	10		76			X					S.W.SOUTH PACIFI	233
CHELIDONICHTHYS KUM	MERCURY-TOTAL	X	X	X	X				X						X				X	3	0.3	9		74			X					S.W.SOUTH PACIFI	233
CHRYSOPHRYS AURATA	MERCURY-INORGA	X	X	X	X				X						X				X	10	1	4		73			X	X				S.W.SOUTH PACIFI	233
CHRYSOPHRYS AURATA	MERCURY-ORGANI	X	X	X	X				X						X				X	10	1	4		73			X	X				S.W.SOUTH PACIFI	233
CHRYSOPHRYS AURATA	MERCURY-TOTAL	X	X	X	X				X						X				X	10	1	4		73			X	X				S.W.SOUTH PACIFI	233
ENGRAULIS AUSTRALIS	MERCURY-TOTAL	X	X	X	X				X						X				X	1	1	20		76			X					S.W.SOUTH PACIFI	233
GENIAGNUS MONOPTERY	MERCURY-TOTAL	X	X	X	X				X						X				X	6	1	4		73			X					S.W.SOUTH PACIFI	233
GENYPTERUS BLACODES	MERCURY-TOTAL	X	X	X	X				X						X				X	5	0.25	9		73			X					S.W.SOUTH PACIFI	233
HYDROLAGUS NOVAEZEL	MERCURY-TOTAL	X	X	X	X				X						X				X	3	1	13		76			X					S.W.SOUTH PACIFI	233
MERLUCCIUS AUSTRALI	MERCURY-TOTAL	X	X	X	X				X						X				X	1	1	2		77			X					S.W.SOUTH PACIFI	233
MUSTELUS ANTARCTICU	MERCURY-INORGA	X	X	X	X				X						X				X	8	0.2	5		72			X					S.W.SOUTH PACIFI	233
MUSTELUS ANTARCTICU	MERCURY-ORGANI	X	X	X	X				X						X				X	8	0.2	5		72			X					S.W.SOUTH PACIFI	233
MUSTELUS ANTARCTICU	MERCURY-TOTAL	X	X	X	X				X						X				X	8	0.2	5		72			X					S.W.SOUTH PACIFI	233
NAVODON SCABER	MERCURY-TOTAL	X	X	X	X				X						X				X	1	1	20		76			X					S.W.SOUTH PACIFI	233
PELTORHAMPHUS NOVAE	MERCURY-TOTAL	X	X	X	X				X						X				X	1	2	11		76			X					S.W.SOUTH PACIFI	233
POLYPRION OXYGENEIO	MERCURY-TOTAL	X	X	X	X				X						X				X	4	0.25	5		73			X					S.W.SOUTH PACIFI	233
SCORPIS VIOLACEUS	MERCURY-TOTAL	X	X	X	X				X						X				X	2	1	13		76			X					S.W.SOUTH PACIFI	233
SERIOLA GRANDIS	MERCURY-INORGA	X	X	X	X				X						X				X	4	0.2	10		72			X					S.W.SOUTH PACIFI	233
SERIOLA GRANDIS	MERCURY-ORGANI	X	X	X	X				X						X				X	4	0.2	10		72			X					S.W.SOUTH PACIFI	233
SERIOLA GRANDIS	MERCURY-TOTAL	X	X	X	X				X						X				X	4	0.2	10		72			X					S.W.SOUTH PACIFI	233
SERIOLELLA BRAMA	MERCURY-TOTAL	X	X	X	X				X						X				X	2	0.3	43		74			X					S.W.SOUTH PACIFI	233
THUNNUS ALALUNGA	MERCURY-TOTAL	X	X	X	X				X						X				X	3	0.5	2		73			X					S.W.SOUTH PACIFI	233
TRACHURUS DECLIVIS	MERCURY-TOTAL	X	X	X	X				X						X				X	1	0.3	5		74			X					S.W.SOUTH PACIFI	233
ZEUS JAPONICUS	MERCURY-TOTAL	X	X	X	X				X						X				X	2	1	10		76			X					S.W.SOUTH PACIFI	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

N.Z.JOURNAL OF MARINE&FRESHWATER RESEARCH

DATE 771208 INSTITUTE(410) INSTITUTE OF MARINE BIOCHEMISTRY NORWAY
N-7034 TRONDHEIM-NTH

PROJECT(017) - ESTIMATION OF HEAVY METAL POLLUTION IN NORWEGIAN FJORDS DATA VALID AS OF /04/77

LEADER SVERRE MYKLESTAD TELEPHONE 075-30100 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	12/78
OPERATIONAL	01/71	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO USE BROWN ALGA ASCOPHYLLUM NODOSUM AS AN INDICATOR ORGANISM OF COPPER, ZINC, CADMIUM, LEAD AND MERCURY POLLUTION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONWSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASCOPHYLLUM SPP.	MERCURY-TOTAL	X			X	X					X				X					2				71				X				NORWEGIAN SEA	232
ASCOPHYLLUM SPP.	COPPER	X			X	X					X				X					2				71				X				NORWEGIAN SEA	232
ASCOPHYLLUM SPP.	ZINC	X			X	X					X				X					2				71				X				NORWEGIAN SEA	232
ASCOPHYLLUM SPP.	CADMIUM	X			X	X					X				X					2				71				X				NORWEGIAN SEA	232
ASCOPHYLLUM SPP.	LEAD	X			X	X					X				X					2				71				X				NORWEGIAN SEA	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ENVIRON.POLLUT.

INSTITUTE OF MARINE RESEARCH
DIRECTORATE OF FISHERIES
P.O. BOX 2906
5011 BERGEN-NORDNES
NORWAY

PROJECT(003) - BASE-LINE STUDIES OF NORTH SEA POLLUTION DATA VALID AS OF 02/12/74

LEADER GRIM BERGE AND KARSTEN H. TELEPHONE 05-217760 TELEX/CABLE 42297 OCEAN N

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/71	12/72
OPERATIONAL	01/72	CONTINUING

SUB-PROGRAMME OF ICES NORTH SEA INTERNATIONAL STU

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ON THE BASIS OF INTERCALIBRATED LABORATORIES TO STUDY POLLUTION LOADS OF SELECTED CONTAMINANTS IN DIFFERENT BIOLOGICAL NICHES IN A JOINT PROGRAM COVERING THE WHOLE NORTH SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CARCINUS MAENAS	DDE-PP	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	TDE-PP	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	DDT-PP	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	DDT-OP	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	DDT-TOTAL	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	PCB'S	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	MERCURY-TOTAL	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	COPPER	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	ZINC	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	CADMIUM	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CARCINUS MAENAS	LEAD	X	X						X						X				X	10	1	350		71	72			X				NORTH SEA(INCL.S	232
CLUPEA HARENGUS	DDE-PP	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	TDE-PP	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-PP	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-OP	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-TOTAL	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	PCB'S	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	MERCURY-TOTAL	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	COPPER	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	ZINC	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	CADMIUM	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	LEAD	X			X				X						X				X	11	1	78		72	72							NORTH SEA(INCL.S	233
CRANGON CRANGON	DDE-PP	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	TDE-PP	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	DDT-PP	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	DDT-OP	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	DDT-TOTAL	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	PCB'S	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	MERCURY-TOTAL	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	COPPER	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	ZINC	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	CADMIUM	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
CRANGON CRANGON	LEAD	X	X						X						X				X	6	1	1200		71	72			X				NORTH SEA(INCL.S	232
GADUS MORHUA	DDE-PP	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	TDE-PP	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	DDT-PP	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	DDT-OP	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	DDT-TOTAL	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	PCB'S	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	MERCURY-TOTAL	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	COPPER	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	ZINC	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	CADMIUM	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
GADUS MORHUA	LEAD	X			X				X						X				X	15	1	21		72	72			X				BLACK SEA	233
MYTILUS EDULIS	DDE-PP	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	TDE-PP	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	DDT-PP	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	DDT-OP	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	DDT-TOTAL	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	PCB'S	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-TOTAL	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	COPPER	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	ZINC	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	CADMIUM	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
MYTILUS EDULIS	LEAD	X	X						X						X				X	7	1	500		71	72			X				NORTH SEA(INCL.S	232
PLEURONECTES PLATES	DDE-PP	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	TDE-PP	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-PP	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-OP	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-TOTAL	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	PCB'S	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233

DATE 771208 INSTITUTE(411) INSTITUTE OF MARINE RESEARCH NORWAY

DIRECTORATE OF FISHERIES
P.O. BOX 2906
5011 BERGEN-NORDNES

PROJECT(003) - BASE-LINE STUDIES OF NORTH SEA POLLUTION DATA VALID AS OF 02/12/74

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHBSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLEURONECTES PLATES	MERCURY-TOTAL	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	COPPER	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ZINC	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CADMIUM	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	LEAD	X			X				X						X				X	8	1	23		72	72			X				NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(413) INSTITUTE OF MARINE BIOLOGY AND LIMNOLOGY NORWAY
DEPARTMENT OF MARINE ZOOLOGY AND MARINE CHEMISTRY
P.O. BOX 1064
BLINDERN, OSLO 3

PROJECT(B00) - TRACE METALS IN MARINE BIVALVES DATA VALID AS OF 03/02/77

LEADER B. REUSCH BERG TELEPHONE 02-466800 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	01/74	/
OPERATIONAL	02/74	/77

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO ASSESS THE SEASONAL AND GEOGRAPHICAL CHANGES IN THE TRACE-METAL CONTENT IN MYTILUS EDULIS COMMUNITIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS EDULIS	COPPER	X	X	X			X							X	X					6	6	160		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	COPPER	X	X	X			X							X	X					7	1	75		75	75		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	ZINC	X	X	X			X							X	X					7	1	75		75	75		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	ZINC	X	X	X			X							X	X					6	6	160		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	CADMIUM	X	X	X			X							X	X					7	1	75		75	75		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	CADMIUM	X	X	X			X							X	X					6	6	160		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	NICKEL	X	X	X			X							X	X					2	1	43		75	75		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	IRON	X	X	X			X							X	X					2	1	43		75	75		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	MANGANESE	X	X	X			X							X	X					2	1	43		75	75		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	LEAD	X	X	X			X							X	X					6	6	160		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	LEAD	X	X	X			X							X	X					7	1	75		75	75		X					NORTH SEA(INCL.S	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(413) INSTITUTE OF MARINE BIOLOGY AND LIMNOLOGY NORWAY

DEPARTMENT OF MARINE ZOOLOGY AND MARINE CHEMISTRY
P.O. BOX 1064
BLINDERN,OSLO 3

PROJECT(B22) - MAN AND FLOUNDER (WHO) DATA VALID AS OF 05/02/77

LEADER F. BEYER TELEPHONE 02-466800 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 30000 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/73	/77

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

THE EFFECTS OF WATER POLLUTION ON FISH AND HAZARDS TO HUMAN HEALTH THAT MIGHT FOLLOW (PILOT PROJECT IN THE OSLOFJORD)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CARCINUS MAENAS	MERCURY-TOTAL	X	X	X					X						X					5	1	59		74	74		X					NORTH SEA(INCL.S	225
CARCINUS MAENAS	COPPER	X	X	X					X						X					5	1	59		74	74		X					NORTH SEA(INCL.S	225
CARCINUS MAENAS	ZINC	X	X	X					X						X					5	1	59		74	74		X					NORTH SEA(INCL.S	225
CARCINUS MAENAS	CADMIUM	X	X	X					X						X					5	1	59		74	74		X					NORTH SEA(INCL.S	225
CARCINUS MAENAS	IRON	X	X	X					X						X					5	1	59		74	74		X					NORTH SEA(INCL.S	225
CARCINUS MAENAS	LEAD	X	X	X					X						X					5	1	59		74	74		X					NORTH SEA(INCL.S	225
CRANGON CRANGON	MERCURY-TOTAL	X	X	X					X						X					5	1	74		74	74		X					NORTH SEA(INCL.S	225
CRANGON CRANGON	COPPER	X	X	X					X						X					5	1	74		74	74		X					NORTH SEA(INCL.S	225
CRANGON CRANGON	ZINC	X	X	X					X						X					5	1	74		74	74		X					NORTH SEA(INCL.S	225
CRANGON CRANGON	CADMIUM	X	X	X					X						X					5	1	74		74	74		X					NORTH SEA(INCL.S	225
CRANGON CRANGON	IRON	X	X	X					X						X					5	1	74		74	74		X					NORTH SEA(INCL.S	225
CRANGON CRANGON	LEAD	X	X	X					X						X					5	1	74		74	74		X					NORTH SEA(INCL.S	225
MYA ARENARIA	MERCURY-TOTAL	X	X	X					X						X					4	1	32		74	74		X					NORTH SEA(INCL.S	225
MYA ARENARIA	COPPER	X	X	X					X						X					4	1	32		74	74		X					NORTH SEA(INCL.S	225
MYA ARENARIA	ZINC	X	X	X					X						X					4	1	32		74	74		X					NORTH SEA(INCL.S	225
MYA ARENARIA	CADMIUM	X	X	X					X						X					4	1	32		74	74		X					NORTH SEA(INCL.S	225
MYA ARENARIA	IRON	X	X	X					X						X					4	1	32		74	74		X					NORTH SEA(INCL.S	225
MYA ARENARIA	LEAD	X	X	X					X						X					4	1	32		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	MERCURY-TOTAL	X	X	X					X						X					5	1	55		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	COPPER	X	X	X					X						X					5	1	55		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	ZINC	X	X	X					X						X					5	1	55		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	CADMIUM	X	X	X					X						X					5	1	55		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	IRON	X	X	X					X						X					5	1	55		74	74		X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	LEAD	X	X	X					X						X					5	1	55		74	74		X					NORTH SEA(INCL.S	225
NEREIS DIVERSICOLOR	MERCURY-TOTAL	X	X	X					X						X					5	1	53		74	74		X					NORTH SEA(INCL.S	225
NEREIS DIVERSICOLOR	COPPER	X	X	X					X						X					5	1	53		74	74		X					NORTH SEA(INCL.S	225
NEREIS DIVERSICOLOR	ZINC	X	X	X					X						X					5	1	53		74	74		X					NORTH SEA(INCL.S	225
NEREIS DIVERSICOLOR	CADMIUM	X	X	X					X						X					5	1	53		74	74		X					NORTH SEA(INCL.S	225
NEREIS DIVERSICOLOR	IRON	X	X	X					X						X					5	1	53		74	74		X					NORTH SEA(INCL.S	225
NEREIS DIVERSICOLOR	LEAD	X	X	X					X						X					5	1	53		74	74		X					NORTH SEA(INCL.S	225
PALAEMON ADSPERSUS	MERCURY-TOTAL	X	X	X					X						X					3	1	38		74	74		X					NORTH SEA(INCL.S	225
PALAEMON ADSPERSUS	COPPER	X	X	X					X						X					3	1	38		74	74		X					NORTH SEA(INCL.S	225
PALAEMON ADSPERSUS	ZINC	X	X	X					X						X					3	1	38		74	74		X					NORTH SEA(INCL.S	225
PALAEMON ADSPERSUS	CADMIUM	X	X	X					X						X					3	1	38		74	74		X					NORTH SEA(INCL.S	225
PALAEMON ADSPERSUS	IRON	X	X	X					X						X					3	1	38		74	74		X					NORTH SEA(INCL.S	225
PALAEMON ADSPERSUS	LEAD	X	X	X					X						X					3	1	38		74	74		X					NORTH SEA(INCL.S	225
PLATICHTHYS FLESUS	MERCURY-TOTAL	X	X	X	X	X			X						X				X	5	6	1500	X	73	74	X	X					NORTH SEA(INCL.S	225
PLATICHTHYS FLESUS	COPPER	X	X	X	X	X			X						X				X	5	6	1500	X	73	74	X	X					NORTH SEA(INCL.S	225
PLATICHTHYS FLESUS	ZINC	X	X	X	X	X			X						X				X	5	6	1500	X	73	74	X	X					NORTH SEA(INCL.S	225
PLATICHTHYS FLESUS	CADMIUM	X	X	X	X	X			X						X				X	5	6	1500	X	73	74	X	X					NORTH SEA(INCL.S	225
PLATICHTHYS FLESUS	IRON	X	X	X	X	X			X						X				X	5	6	1500	X	73	74	X	X					NORTH SEA(INCL.S	225
PLATICHTHYS FLESUS	LEAD	X	X	X	X	X			X						X				X	5	6	1500	X	73	74	X	X					NORTH SEA(INCL.S	225
POMATOSCHISTUS SPP.	MERCURY-TOTAL	X	X	X					X						X					5	1	176		74	74		X					NORTH SEA(INCL.S	225
POMATOSCHISTUS SPP.	COPPER	X	X	X					X						X					5	1	176		74	74		X					NORTH SEA(INCL.S	225
POMATOSCHISTUS SPP.	ZINC	X	X	X					X						X					5	1	176		74	74		X					NORTH SEA(INCL.S	225
POMATOSCHISTUS SPP.	CADMIUM	X	X	X					X						X					5	1	176		74	74		X					NORTH SEA(INCL.S	225
POMATOSCHISTUS SPP.	IRON	X	X	X					X						X					5	1	176		74	74		X					NORTH SEA(INCL.S	225
POMATOSCHISTUS SPP.	LEAD	X	X	X					X						X					5	1	176		74	74		X					NORTH SEA(INCL.S	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DIRECTORATE OF FISHERIES
P.O. BOX 187, N-5001 BERGEN

PROJECT(D22) - TRACE ELEMENTS IN MARINE ORGANISMS FROM THE NORTH SEA DATA VALID AS OF 05/08/77

LEADER BRAEKKAN O.R.,JULSHAMN K. TELEPHONE 05-230300 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /73 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

THE PURPOSE IS TO CARRY OUT A NUTRITIONAL EVALUATION AND AT THE SAME TIME PROVIDE BACK GROUND VALUES, SO AS TO BE ABLE TO FOLLOW ANY FUTURE CHANGES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLM	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	MERCURY-TOTAL	X		X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
GADUS MORHUA	COPPER	X		X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
GADUS MORHUA	ZINC	X		X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
GADUS MORHUA	CADMIUM	X		X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
GADUS MORHUA	ARSENIC	X		X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
GADUS MORHUA	SELENIUM	X		X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
GADUS MORHUA	LEAD			X							X				X					2	2			75	76			X				NORWEGIAN SEA	233
MELANOGRAMMUS AEGLE	MERCURY-TOTAL	X		X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	COPPER	X		X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	ZINC	X		X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	CADMIUM	X		X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	ARSENIC	X		X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	SELENIUM	X		X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MELANOGRAMMUS AEGLE	LEAD			X							X				X					2	4			75	76			X				NORTH SEA(INCL.S	233
MODIOLUS MODIOLUS	MERCURY-INORGA	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	MERCURY-ORGANI	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	MERCURY-TOTAL	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	COPPER	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	ZINC	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	CHROMIUM	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	CADMIUM	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	ARSENIC	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	NICKEL		X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	SELENIUM	X	X	X							X					X				1	4	50	X	75	76		X			X			232
MODIOLUS MODIOLUS	LEAD		X	X							X					X				1	4	50	X	75	76		X			X			232
MYTILUS EDULIS	MERCURY-INORGA	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	MERCURY-ORGANI	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	MERCURY-TOTAL	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	COPPER	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	ZINC	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	CHROMIUM	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	CADMIUM	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	ARSENIC	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	NICKEL		X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	SELENIUM	X	X	X							X					X				3	12	240	X	73	76		X			X			232
MYTILUS EDULIS	LEAD		X	X							X					X				3	12	240	X	73	76		X			X			232
OSTREA EDULIS	MERCURY-INORGA	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	MERCURY-ORGANI	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	MERCURY-TOTAL	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	COPPER	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	ZINC	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	CHROMIUM	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	CADMIUM	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	ARSENIC	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	NICKEL		X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	SELENIUM	X	X	X	X						X					X				3	12	350	X	73	76		X			X			232
OSTREA EDULIS	LEAD		X	X	X						X					X				3	12	350	X	73	76		X			X			232
POLLACHIUS VIRENS	MERCURY-TOTAL	X		X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
POLLACHIUS VIRENS	COPPER	X		X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
POLLACHIUS VIRENS	ZINC	X		X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
POLLACHIUS VIRENS	CADMIUM	X		X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
POLLACHIUS VIRENS	ARSENIC	X		X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
POLLACHIUS VIRENS	SELENIUM	X		X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
POLLACHIUS VIRENS	LEAD			X							X				X					2	4			75	76			X				NORWEGIAN SEA	233
SEBASTES MARINUS	MERCURY-TOTAL	X		X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	COPPER	X		X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	ZINC	X		X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	CADMIUM	X		X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	ARSENIC	X		X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	SELENIUM	X		X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	LEAD			X							X				X					2	4			75	76		X			X		NORWEGIAN SEA	233
SEBASTES MARINUS	MERCURY-TOTAL	X		X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233
SEBASTES MARINUS	COPPER	X		X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233
SEBASTES MARINUS	ZINC	X		X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233

DIRECTORATE OF FISHERIES
P.O. BOX 187, N-5001 BERGEN

PROJECT(D22) - TRACE ELEMENTS IN MARINE ORGANISMS FROM THE NORTH SEA DATA VALID AS OF 05/08/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NONE	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMOL	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
SEBASTES MARINUS	CADMIUM	X		X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233
SEBASTES MARINUS	ARSENIC	X		X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233
SEBASTES MARINUS	SELENIUM	X		X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233
SEBASTES MARINUS	LEAD			X							X				X					2	4			75	76			X				BALTIC SEA(INCL.	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FISK.DIR.SKR.SER.ERNAERING

DIRECTORATE OF FISHERIES
P.O. BOX 187, N-5001 BERGEN

PROJECT(D23) - BASELINE STUDIES OF THE POLLUTICN IN THE NORTH ATLANTIC DATA VALID AS OF 05/08/77

LEADER BRAEKKAN,KAARE JULSHAMN TELEPHONE 05-230300 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/75	/76

SUB-PROGRAMME OF ICES

PURPOSE OF PROJECT

TO STUDY POLLUTION LOADS AT DIFFERENT TRACE ELEMENTS IN DIFFERENT SPECIES IN THIS AREA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOTED	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	MERCURY-TOTAL	X			X				X						X					3	1	20		75	75		X					NORWEGIAN SEA	233
CLUPEA HARENGUS	COPPER	X			X				X						X					3	1	20		75	75		X					NORWEGIAN SEA	233
CLUPEA HARENGUS	ZINC	X			X				X						X					3	1	20		75	75		X					NORWEGIAN SEA	233
CLUPEA HARENGUS	CADMIUM	X			X				X						X					3	1	20		75	75		X					NORWEGIAN SEA	233
CLUPEA HARENGUS	LEAD	X			X				X						X					3	1	20		75	75		X					NORWEGIAN SEA	233
GADUS MORHUA	MERCURY-TOTAL	X			X				X						X					5	1	61		75	75		X					NORWEGIAN SEA	233
GADUS MORHUA	COPPER	X			X				X						X					5	1	61		75	75		X					NORWEGIAN SEA	233
GADUS MORHUA	ZINC	X			X				X						X					5	1	61		75	75		X					NORWEGIAN SEA	233
GADUS MORHUA	CADMIUM	X			X				X						X					5	1	61		75	75		X					NORWEGIAN SEA	233
GADUS MORHUA	LEAD	X			X				X						X					5	1	61		75	75		X					NORWEGIAN SEA	233
MALLCTUS VILLOSUS	MERCURY-TOTAL	X			X				X						X					5	1	50		75	75		X					NORWEGIAN SEA	233
MALLOTUS VILLOSUS	COPPER	X			X				X						X					5	1	50		75	75		X					NORWEGIAN SEA	233
MALLOTUS VILLOSUS	ZINC	X			X				X						X					5	1	50		75	75		X					NORWEGIAN SEA	233
MALLOTUS VILLOSUS	CADMIUM	X			X				X						X					5	1	50		75	75		X					NORWEGIAN SEA	233
MALLOTUS VILLOSUS	LEAD	X			X				X						X					5	1	50		75	75		X					NORWEGIAN SEA	233
PLEURONECTES PLATES	MERCURY-TOTAL	X			X				X						X					1	1	14		75	75		X					NORWEGIAN SEA	233
PLEURCNECTES PLATES	COPPER	X			X				X						X					1	1	14		75	75		X					NORWEGIAN SEA	233
PLEURONECTES PLATES	ZINC	X			X				X						X					1	1	14		75	75		X					NORWEGIAN SEA	233
PLEURONECTES PLATES	CADMIUM	X			X				X						X					1	1	14		75	75		X					NORWEGIAN SEA	233
PLEURONECTES PLATES	LEAD	X			X				X						X					1	1	14		75	75		X					NORWEGIAN SEA	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FISK.DIR.SKR.SER.ERNAERING

DATE 771208 INSTITUTE(420) DIRECCION GENERAL DE INVESTIGACION CIENTIFICA Y TECNOLOGICA PERU

MINISTERIO DE PESQUERIA
AVDA. JANVIER PRADO(ESTE)2465
LIMA 30

PROJECT(091) - CONTENIDO DE ALGUNOS METALES EN ESPECIES HIDROBIOLOGICAS DATA VALID AS OF 25/06/75

LEADER DANTE ROA GALLEGOS TELEPHONE 353990 TELEX/CABLE 25498MIPESCA

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 29953 STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATICNAL	/	CONTINUING

PURPOSE OF PROJECT

CONOCIMENTO DE CALIDAD DE LOS RECURSOS PESQUEROS CON LA FINALIDAD DE CONTAR CON INFORMACION PERMANENTE Y PERIODICA A FIN DE PODER POSTERIORMENTE RECOMENDAR NORMAS O CRITERIOS DE CALIDAD QUE DEBAN REGIR EN EL PERU Y PARA DETECTAR ZONAS CONTAMINADAS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BREVOORTIA MACULATA	MERCURY-INORGA	X		X				X							X				X	17	1	4	X	72	73			X				N.E.SOUTH PACIFI	233
BREVOORTIA MACULATA	COPPER	X		X				X							X				X	17	1	4	X	72	73			X				N.E.SOUTH PACIFI	233
BREVOORTIA MACULATA	ZINC	X		X				X							X				X	17	1	4	X	72	73			X				N.E.SOUTH PACIFI	233
BREVOORTIA MACULATA	IRON	X		X				X							X				X	17	1	4	X	72	73			X				N.E.SOUTH PACIFI	233
BREVOORTIA MACULATA	BACTERIA			X				X							X				X	17	1	4	X	72	73			X				N.E.SOUTH PACIFI	233
CANCER POLYDON	MERCURY-INORGA	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
CANCER POLYDON	COPPER	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
CANCER POLYDON	ZINC	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
CANCER POLYDON	IRON	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
CANCER POLYDON	BACTERIA			X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	MERCURY-INORGA	X		X				X							X				X	17	1	8	X	72	73			X				N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	MERCURY-INORGA	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	COPPER	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	COPPER	X		X				X							X				X	17	1	8	X	72	73			X				N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	ZINC	X		X				X							X				X	17	1	8	X	72	73			X				N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	ZINC	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	IRON	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	IRON	X		X				X							X				X	17	1	8	X	72	73			X				N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	BACTERIA			X				X							X				X	17	1	8	X	72	73			X				N.E.SOUTH PACIFI	233
CHEILODACTYLUS VARI	BACTERIA			X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
CHLAMYS PURPURATA	MERCURY-INORGA	X		X				X							X				X	24	1	6	X	72	73							N.E.SOUTH PACIFI	233
CHLAMYS PURPURATA	COPPER	X		X				X							X				X	24	1	6	X	72	73							N.E.SOUTH PACIFI	233
CHLAMYS PURPURATA	ZINC	X		X				X							X				X	24	1	6	X	72	73							N.E.SOUTH PACIFI	233
CHLAMYS PURPURATA	IRON	X		X				X							X				X	24	1	6	X	72	73							N.E.SOUTH PACIFI	233
CHLAMYS PURPURATA	BACTERIA			X				X							X				X	24	1	6	X	72	73							N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	MERCURY-INORGA	X		X				X							X				X	17	1	10	X	72	73			X				N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	MERCURY-INORGA	X		X				X							X				X	24	1	7	X	72	73							N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	COPPER	X		X				X							X				X	24	1	7	X	72	73							N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	COPPER	X		X				X							X				X	17	1	10	X	72	73			X				N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	ZINC	X		X				X							X				X	17	1	10	X	72	73			X				N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	ZINC	X		X				X							X				X	24	1	7	X	72	73							N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	IRON	X		X				X							X				X	24	1	7	X	72	73							N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	IRON	X		X				X							X				X	17	1	10	X	72	73			X				N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	BACTERIA			X				X							X				X	17	1	10	X	72	73			X				N.E.SOUTH PACIFI	233
CHOROMYTILUS CHORUS	BACTERIA			X				X							X				X	24	1	7	X	72	73							N.E.SOUTH PACIFI	233
CONCHOLEPAS CONCHOL	MERCURY-INORGA	X		X				X							X				X	17	1	2	X	72	73			X				N.E.SOUTH PACIFI	233
CONCHOLEPAS CONCHOL	COPPER	X		X				X							X				X	17	1	2	X	72	73			X				N.E.SOUTH PACIFI	233
CONCHOLEPAS CONCHOL	ZINC	X		X				X							X				X	17	1	2	X	72	73			X				N.E.SOUTH PACIFI	233
CONCHOLEPAS CONCHOL	IRON	X		X				X							X				X	17	1	2	X	72	73			X				N.E.SOUTH PACIFI	233
CONCHOLEPAS CONCHOL	BACTERIA			X				X							X				X	17	1	2	X	72	73			X				N.E.SOUTH PACIFI	233
CYNOSCION ANALIS	MERCURY-INORGA	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
CYNOSCION ANALIS	COPPER	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
CYNOSCION ANALIS	ZINC	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
CYNOSCION ANALIS	IRON	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
CYNOSCION ANALIS	BACTERIA			X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	MERCURY-INORGA	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	MERCURY-INORGA	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	COPPER	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	COPPER	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	ZINC	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	ZINC	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	IRON	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	IRON	X		X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	BACTERIA			X				X							X				X	17	1	3	X	72	73			X				N.E.SOUTH PACIFI	233
FISSURELLA PERUVIAN	BACTERIA			X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
MESODESMA DONACIUM	MERCURY-INORGA	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
MESODESMA DONACIUM	COPPER	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
MESODESMA DONACIUM	ZINC	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
MESODESMA DONACIUM	IRON	X		X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
MESODESMA DONACIUM	BACTERIA			X				X							X				X	24	1	3	X	72	73							N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	MERCURY-INORGA	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	MERCURY-INORGA	X		X				X							X				X	24	1	2	X	72	73							N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	COPPER	X		X				X							X				X	24	1	2	X	72	73							N.E.SOUTH PACIFI	233

CIENTIFICA Y TECNOLOGICA
MINISTERIO DE PESQUERIA
AVDA.JANVIER PRADO(ESTE)2465
LIMA 30

PROJECT(091) - CONTENIDO DE ALGUNOS METALES EN ESPECIES HIDROBIOLOGICAS DATA VALID AS OF 25/06/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MUGIL CEPHALUS	COPPER	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	ZINC	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	ZINC	X		X				X							X				X	24	1	2	X	72	73							N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	IRON	X		X				X							X				X	24	1	2	X	72	73							N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	IRON	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	BACTERIA			X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
MUGIL CEPHALUS	BACTERIA			X				X							X				X	24	1	2	X	72	73							N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	MERCURY-INORGA	X		X				X							X				X	24	1	1	X	72	73							N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	MERCURY-INORGA	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	COPPER	X		X				X							X				X	24	1	1	X	72	73							N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	COPPER	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	ZINC	X		X				X							X				X	24	1	1	X	72	73							N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	ZINC	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	IRON	X		X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	IRON	X		X				X							X				X	24	1	1	X	72	73							N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	BACTERIA			X				X							X				X	24	1	1	X	72	73							N.E.SOUTH PACIFI	233
PARALABRAX HUMERALI	BACTERIA			X				X							X				X	17	1	5	X	72	73			X				N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	MERCURY-INORGA	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	MERCURY-INORGA	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	COPPER	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	COPPER	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
SCOMBER JAPCNICUS	ZINC	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	ZINC	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	IRON	X		X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	IRON	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	BACTERIA			X				X							X				X	17	1	7	X	72	73			X				N.E.SOUTH PACIFI	233
SCOMBER JAPONICUS	BACTERIA			X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SEMELE SOLIDA	MERCURY-INORGA	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SEMELE SOLIDA	COPPER	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SEMELE SOLIDA	ZINC	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SEMELE SOLIDA	IRON	X		X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
SEMELE SOLIDA	BACTERIA			X				X							X				X	24	1	4	X	72	73							N.E.SOUTH PACIFI	233
THAIS CHOCOLATA	MERCURY-INORGA	X		X				X							X				X	17	1	11	X	72	73			X				N.E.SOUTH PACIFI	233
THAIS CHOCOLATA	COPPER	X		X				X							X				X	17	1	11	X	72	73			X				N.E.SOUTH PACIFI	233
THAIS CHOCCLATA	ZINC	X		X				X							X				X	17	1	11	X	72	73			X				N.E.SOUTH PACIFI	233
THAIS CHOCCLATA	IRON	X		X				X							X				X	17	1	11	X	72	73			X				N.E.SOUTH PACIFI	233
THAIS CHOCOLATA	BACTERIA			X				X							X				X	17	1	11	X	72	73			X				N.E.SOUTH PACIFI	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(420) DIRECCION GENERAL DE INVESTIGACION CIENTIFICA Y TECNOLOGICA PERU
MINISTERIO DE PESQUERIA
AVDA.JANVIER PRADO(ESTE)2465
LIMA 30

PROJECT(128) - CONTAMINACION POR PESTICIDAS DEL LITORAL PERUANO DATA VALID AS OF 19/08/75

LEADER DANTE ROA GALLEGOS TELEPHONE 353990 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 15270 STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/73	01/74
OPERATIONAL	/	CONTINUING

PURPOSE OF PROJECT

PERMITIRAN SABER CUALES SON LOS PESTICIDAS QUE MAS SE HAN ACUMULADO EN LOS TEJIDOS DE LAS PRINCIPALES ESPECIES MARINAS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CARRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HUM	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SMWATER	MYR ST	YR EN	RAW DATA CIP	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
ACANTHOPLEURA ECHIN	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ACANTHOPLEURA ECHIN	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ACANTHOPLEURA ECHIN	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ACANTHOPLEURA ECHIN	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ACANTHOPLEURA ECHIN	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ACANTHOPLEURA ECHIN	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ANISOTREMUS SCAPULA	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ANISOTREMUS SCAPULA	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ANISOTREMUS SCAPULA	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ANISOTREMUS SCAPULA	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ANISOTREMUS SCAPULA	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ANISOTREMUS SCAPULA	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
BREVOORTIA MACULATA	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
BREVOORTIA MACULATA	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
BREVOORTIA MACULATA	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
BREVOORTIA MACULATA	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
BREVOORTIA MACULATA	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
BREVOORTIA MACULATA	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CALLORHYNCHUS CALLO	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CALLORHYNCHUS CALLO	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CALLORHYNCHUS CALLO	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CALLORHYNCHUS CALLO	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CALLORHYNCHUS CALLO	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CALLORHYNCHUS CALLO	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHLAMYS PURPURATA	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHLAMYS PURPURATA	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHLAMYS PURPURATA	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHLAMYS PURPURATA	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHLAMYS PURPURATA	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHLAMYS PURPURATA	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHOROMYTILUS CHORUS	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHOROMYTILUS CHORUS	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHOROMYTILUS CHORUS	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHOROMYTILUS CHORUS	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHOROMYTILUS CHORUS	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CHOROMYTILUS CHORUS	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CYNOSCION ANALIS	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CYNOSCION ANALIS	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CYNOSCION ANALIS	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CYNOSCION ANALIS	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CYNOSCION ANALIS	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
CYNOSCION ANALIS	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
FISSURELLA PERUVIAN	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
FISSURELLA PERUVIAN	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
FISSURELLA PERUVIAN	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
FISSURELLA PERUVIAN	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
FISSURELLA PERUVIAN	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
FISSURELLA PERUVIAN	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
GENYPTERUS CHILENSI	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
GENYPTERUS CHILENSI	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
GENYPTERUS CHILENSI	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
GENYPTERUS CHILENSI	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
GENYPTERUS CHILENSI	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
GENYPTERUS CHILENSI	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
HEMILUTJANUS MACROP	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
HEMILUTJANUS MACROP	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
HEMILUTJANUS MACROP	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
HEMILUTJANUS MACROP	CARBAMATE COMP	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
HEMILUTJANUS MACROP	ARSENIC	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
HEMILUTJANUS MACROP	LEAD	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ISACIA CONCEPTIONIS	BHC-ALPHA	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ISACIA CONCEPTIONIS	HEPTACHLOR	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232
ISACIA CONCEPTIONIS	ALDRIN	X	X	X	X	X	10	1	11	X	73	74	X		N.E.SOUTH PACIFI	232

DATE 771208 INSTITUTE(420) DIRECCION GENERAL DE INVESTIGACION CIENTIFICA Y TECNOLOGICA
MINISTERIO DE PESQUERIA
AVDA.JANVIER PRADO(ESTE)2465
LIMA 30
PERU

PROJECT(128) - CONTAMINACION POR PESTICIDAS DEL LITORAL PERUANO DATA VALID AS OF 19/08/75

HOST SUBSTANCE	CONTAMINANT	C A LBRTD	SAMPLE DESCRPTN (L W A D: LENGTH WEIGHT AGE DESCRPTN) W	PRESERVATION METHOD (N I F S D F A O) I	SAMPLE ORIGIN (P C A O) P	H U M	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I	RAW DATA MWATER	YR ST	YR EN	RAW DATA (C I P) I	BIOAS-SAYS	GEOGRAPHIC AREA	WAT COD
ISACIA CONCEPTIONIS	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
ISACIA CONCEPTIONIS	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
ISACIA CONCEPTIONIS	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MERLUCCIUS GAYI	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MERLUCCIUS GAYI	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MERLUCCIUS GAYI	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MERLUCCIUS GAYI	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MERLUCCIUS GAYI	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MERLUCCIUS GAYI	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MESODESMA DONACIUM	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MESODESMA DONACIUM	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MESODESMA DONACIUM	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MESODESMA DONACIUM	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MESODESMA DONACIUM	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MESODESMA DONACIUM	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS DORSALIS	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS DORSALIS	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS DORSALIS	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS DORSALIS	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS DORSALIS	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS DORSALIS	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS SPP	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS SPP	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS SPP	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS SPP	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS SPP	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
MUSTELUS SPP	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALABRAX HUMERALI	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALABRAX HUMERALI	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALABRAX HUMERALI	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALABRAX HUMERALI	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALABRAX HUMERALI	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALABRAX HUMERALI	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALICHTHYS ADSPER	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALICHTHYS ADSPER	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALICHTHYS ADSPER	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALICHTHYS ADSPER	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALICHTHYS ADSPER	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALICHTHYS ADSPER	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALONCHURUS PERUA	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALONCHURUS PERUA	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALONCHURUS PERUA	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALONCHURUS PERUA	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALONCHURUS PERUA	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
PARALONCHURUS PERUA	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDA CHILIENSIS	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDA CHILIENSIS	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDA CHILIENSIS	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDA CHILIENSIS	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDA CHILIENSIS	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDA CHILIENSIS	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDINOPS SAGAX	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDINOPS SAGAX	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDINOPS SAGAX	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDINOPS SAGAX	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDINOPS SAGAX	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SARDINOPS SAGAX	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA DELICIOSA	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA DELICIOSA	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA DELICIOSA	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA DELICIOSA	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA DELICIOSA	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA DELICIOSA	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA GILBERTI	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA GILBERTI	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA GILBERTI	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA GILBERTI	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA GILBERTI	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCIAENA GILBERTI	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBER JAPONICUS	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBER JAPONICUS	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBER JAPONICUS	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBER JAPONICUS	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBER JAPONICUS	ARSENIC	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBER JAPONICUS	LEAD	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBEROMORUS MACUL	BHC-ALPHA	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBEROMORUS MACUL	HEPTACHLOR	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBEROMORUS MACUL	ALDRIN	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232
SCOMBEROMORUS MACUL	CARBAMATE COMP	X	X	X	X	X	10	1	11	X		73	74	X		N.E.SOUTH PACIFI	232

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MINISTERIO DE PESQUERIA
AVDA.JANVIER PRADO(ESTE)2465
LIMA 30

PROJECT(128) - CONTAMINACION POR PESTICIDAS DEL LITORAL PERUANO DATA VALID AS OF 19/08/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SCOMBEROMORUS MACUL	ARSENIC	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SCOMBEROMORUS MACUL	LEAD	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SERIOLELLA VIOLACEA	BHC-ALPHA	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SERIOLELLA VIOLACEA	HEPTACHLOR	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SERIOLELLA VIOLACEA	ALDRIN	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SERIOLELLA VIOLACEA	CARBAMATE COMP	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SERIOLELLA VIOLACEA	ARSENIC	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
SERIOLELLA VIOLACEA	LEAD	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STELLIFER MINOR	BHC-ALPHA	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STELLIFER MINOR	HEPTACHLOR	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STELLIFER MINOR	ALDRIN	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STELLIFER MINOR	CARBAMATE COMP	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STELLIFER MINOR	ARSENIC	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STELLIFER MINOR	LEAD	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STRONGYLOCENTROTUS	BHC-ALPHA	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STRONGYLOCENTROTUS	HEPTACHLOR	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STRONGYLOCENTROTUS	ALDRIN	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STRONGYLOCENTROTUS	CARBAMATE COMP	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STRONGYLOCENTROTUS	ARSENIC	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
STRONGYLOCENTROTUS	LEAD	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
THAIS CHOCOLATA	BHC-ALPHA	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
THAIS CHOCOLATA	HEPTACHLOR	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
THAIS CHOCOLATA	ALDRIN	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
THAIS CHOCOLATA	CARBAMATE COMP	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
THAIS CHOCOLATA	ARSENIC	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
THAIS CHOCOLATA	LEAD	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
TRACHURUS APMETRICU	BHC-ALPHA	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
TRACHURUS APMETRICU	HEPTACHLOR	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
TRACHURUS APMETRICU	ALDRIN	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
TRACHURUS APMETRICU	CARBAMATE COMP	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
TRACHURUS APMETRICU	ARSENIC	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232
TRACHURUS APMETRICU	LEAD	X		X				X							X				X	10	1	11	X	73	74		X					N.E.SOUTH PACIFI	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ERMITA,MANILA 2801
MANILA

PROJECT(C49) - NATIONWIDE SURVEY OF HG & OTHER HEAVY METALS POLLUTION DATA VALID AS OF 10/05/77

LEADER TAN E.O. TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY 100000 US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /73 /74
OPERATIONAL /74 CONTINUING

PURPOSE OF PROJECT

TO ACCOMPLISH A NATIONWIDE SURVEY OF THE PRESENCE OF MERCURY & OTHER HEAVY METALS IN PHILIPPINE WATERS (SEAWATER & FRESHWATERS), AQUATIC LIFE & SEDIMENTS. TO STUDY & FORMULATE STANDARDS FOR MERCURY & OTHER HEAVY METALS IN WATERS & MARINE LIFE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	PRESERVATION METHOD (ICED)	SAMPLE ORIGIN (FIELD)	HU (MCONSF)	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA YR ST	RAW DATA (INHSB)	WAT COD
CARANX SPP.	MERCURY-ORGANI		X	X	X	4	3	11	74	X	233
CARANX SPP.	MERCURY-TOTAL	X	X	X	X	4	3	11	74	X	233
CARANX SPP.	COPPER	X	X	X	X	4	3	11	74	X	233
CARANX SPP.	ZINC	X	X	X	X	4	3	11	74	X	233
CHANOS CHANOS	MERCURY-ORGANI		X	X	X	2	3	5	74	X	211
CHANOS CHANOS	MERCURY-TOTAL	X	X	X	X	2	3	5	74	X	211
CHANOS CHANOS	COPPER	X	X	X	X	2	3	5	74	X	211
CHANOS CHANOS	ZINC	X	X	X	X	2	3	5	74	X	211
DECAPTERUS MACROSOM	MERCURY-ORGANI		X	X	X	2	3	5	74	X	233
DECAPTERUS MACROSOM	MERCURY-TOTAL	X	X	X	X	2	3	5	74	X	233
DECAPTERUS MACROSOM	COPPER	X	X	X	X	2	3	5	74	X	233
DECAPTERUS MACROSOM	ZINC	X	X	X	X	2	3	5	74	X	233
GLOSSOGOBIUS GLURUS	MERCURY-ORGANI		X	X	X	3	3	7	74	X	211
GLOSSOGOBIUS GLURUS	MERCURY-TOTAL	X	X	X	X	3	3	7	74	X	211
GLOSSOGOBIUS GLURUS	COPPER	X	X	X	X	3	3	7	74	X	211
GLOSSOGOBIUS GLURUS	ZINC	X	X	X	X	3	3	7	74	X	211
LEIOGNATHUS EQUULUS	MERCURY-ORGANI		X	X	X	5	5	22	74	X	233
LEIOGNATHUS EQUULUS	MERCURY-TOTAL	X	X	X	X	5	5	22	74	X	233
LEIOGNATHUS EQUULUS	COPPER	X	X	X	X	5	5	22	74	X	233
LEIOGNATHUS EQUULUS	ZINC	X	X	X	X	5	5	22	74	X	233
LUTJANUS MALABARICU	MERCURY-ORGANI		X	X	X	3	2	6	74	X	233
LUTJANUS MALABARICU	MERCURY-TOTAL	X	X	X	X	3	2	6	74	X	233
LUTJANUS MALABARICU	COPPER	X	X	X	X	3	2	6	74	X	233
LUTJANUS MALABARICU	ZINC	X	X	X	X	3	2	6	74	X	233
MYTILUS SMARAGDINUS	MERCURY-ORGANI		X	X	X	3	4	9	74	X	232
MYTILUS SMARAGDINUS	MERCURY-TOTAL	X	X	X	X	3	4	9	74	X	232
MYTILUS SMARAGDINUS	COPPER	X	X	X	X	3	4	9	74	X	232
MYTILUS SMARAGDINUS	ZINC	X	X	X	X	3	4	9	74	X	232
NEMIPTERUS TAENIOPT	MERCURY-ORGANI		X	X	X	4	10	22	74	X	233
NEMIPTERUS TAENIOPT	MERCURY-TOTAL	X	X	X	X	4	10	22	74	X	233
NEMIPTERUS TAENIOPT	COPPER	X	X	X	X	4	10	22	74	X	233
NEMIPTERUS TAENIOPT	ZINC	X	X	X	X	4	10	22	74	X	233
NEPTUNUS PELAGIOUS	MERCURY-TOTAL	X	X	X	X	1	3	3	74	X	233
OSTREA SPP.	MERCURY-ORGANI		X	X	X	2	10	17	74	X	232
OSTREA SPP.	MERCURY-TOTAL	X	X	X	X	2	10	17	74	X	232
OSTREA SPP.	COPPER	X	X	X	X	2	10	17	74	X	232
OSTREA SPP.	ZINC	X	X	X	X	2	10	17	74	X	232
RASTRELLIGER BRACHY	MERCURY-ORGANI		X	X	X	3	5	17	74	X	233
RASTRELLIGER BRACHY	MERCURY-TOTAL	X	X	X	X	3	5	17	74	X	233
RASTRELLIGER BRACHY	COPPER	X	X	X	X	3	5	17	74	X	233
RASTRELLIGER BRACHY	ZINC	X	X	X	X	3	5	17	74	X	233
SAURIDA TUMBIL	MERCURY-TOTAL	X	X	X	X	2	2	4	74	X	233
SAURIDA TUMBIL	COPPER	X	X	X	X	2	2	4	74	X	233
SAURIDA TUMBIL	ZINC	X	X	X	X	2	2	4	74	X	233
SPHYRAENA OBTUSATA	MERCURY-ORGANI		X	X	X	3	10	16	74	X	233
SPHYRAENA OBTUSATA	MERCURY-TOTAL	X	X	X	X	3	10	16	74	X	233
SPHYRAENA OBTUSATA	COPPER	X	X	X	X	3	10	16	74	X	233
SPHYRAENA OBTUSATA	ZINC	X	X	X	X	3	10	16	74	X	233
THERAPON PLUMBEA	MERCURY-ORGANI		X	X	X	2	5	10	74	X	211
THERAPON PLUMBEA	MERCURY-TOTAL	X	X	X	X	2	5	10	74	X	211
THERAPON PLUMBEA	COPPER	X	X	X	X	2	5	10	74	X	211
THERAPON PLUMBEA	ZINC	X	X	X	X	2	5	10	74	X	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PHILIPPINE JOURNAL OF SCIENCE-PHILIPPINE JOURNAL OF NUTRITION

DATE 771208 INSTITUTE(437) DEPARTMENT OF MARINE SCIENCES PUERTO RICO
UNIVERSITY OF PUERTO RICO
MAYAGUEZ 00708

PROJECT(104) - PESCA DATA VALID AS OF 12/07/75

LEADER DR. DONALD K. ATWOOD TELEPHONE 8Q98922482 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/72	06/72
OPERATIONAL	06/74	06/76

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

M.S.THESIS RESEARCH ON DISTRIBUTION OF FIRST RCW TRANSITION ELEMENTS IN CARIBBEAN PLANKTON

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSM	PUBLSH	TOXCTY	FDCHN	OTHBIO		
MARINE PLANKTON	COPPER	X							X						X					25	3	15		72	74	X	X					CARIBBEAN SEA AN	233
MARINE PLANKTON	ZINC	X							X						X					25	3	15		72	74	X	X					CARIBBEAN SEA AN	233
MARINE PLANKTON	CHROMIUM								X						X					25	3	15		72	74	X	X					CARIBBEAN SEA AN	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(441)

DEPARTMENT OF GENERAL BIOLOGY
MEDICAL ACADEMY
KILINSKIEGO 1
15-230BIAŁYSTOK

POLAND

PROJECT(008) - INFLUENCE OF CERTAIN PESTICIDES ON ORGANISMS DATA VALID AS OF 09/02/77

LEADER PROF.DR.B.CZEGZUGA TELEPHONE 21965 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/72	12/72
OPERATIONAL	06/72	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

INFLUENCE OF CERTAIN PESTICIDES ON ORGANISMS. INFLUENCE OF DDT, FOSCHLOR & TREFLAN-EC2 ON THE AMINOACIDS, CHLOROPHYLLUS, CAROTENOIDS & MORPHOLOGICAL (ALGAE) & PHYSIOLOGICAL PROCESS IN ANIMALS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FODCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
CHLOROPHYCEAE	DDE-PP	X		X			X										X					12		72				X					
CHLOROPHYCEAE	DDT-OP	X		X			X										X					12		72				X					
CHLOROPHYCEAE	DDT-TOTAL	X		X			X										X					12		72				X					
CHLOROPHYCEAE	ORGANOPHOSPHOR	X		X			X										X					12		72				X					
CHLOROPHYCEAE	HERBICIDES	X		X			X										X					12		72				X					
CYANOPHYCEAE	DDE-PP	X		X			X										X					12		72				X			X		
CYANOPHYCEAE	DDT-OP	X		X			X										X					12		72				X			X		
CYANOPHYCEAE	DDT-TOTAL	X		X			X										X					12		72				X			X		
CYANOPHYCEAE	ORGANOPHOSPHOR	X		X			X										X					12		72				X			X		
CYANOPHYCEAE	HERBICIDES	X		X			X										X					12		72				X			X		
CYPRINUS CARPIO	DDE-PP	X		X			X										X					32		76									
CYPRINUS CARPIO	DDT-OP	X		X			X										X					32		76									
CYPRINUS CARPIO	DDT-TOTAL	X		X			X										X					32		76									
CYPRINUS CARPIO	ORGANOPHOSPHOR	X		X			X										X					32		76									
CYPRINUS CARPIO	HERBICIDES	X		X			X										X					32		76									
DAPHNIA PULEX	DDE-PP	X		X			X										X					12		76				X					
DAPHNIA PULEX	DDT-OP	X		X			X										X					12		76				X					
DAPHNIA PULEX	DDT-TOTAL	X		X			X										X					12		76				X					
DAPHNIA PULEX	ORGANOPHOSPHOR	X		X			X										X					12		76				X					
DAPHNIA PULEX	HERBICIDES	X		X			X										X					12		76				X					

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

BULL.ACAD.POL.SCI.,SER.SCI.BIOL.VOL.21,N.11,751-757,1973

DATE 771208 INSTITUTE(451) LABORATORIO DE FISICA E ENGENHARIA NUCLEARS JUNTA DE ENERGIA NUCLEAR ESTRADA NACIONAL 10 SACAVEM PORTUGAL

PROJECT(836) - STUDY OF RADIOACTIVE POLLUTION CF RIVERS DATA VALID AS OF 15/02/77

LEADER M.C. VAZ CARREIRO TELEPHONE 2510021/6 TELEX/CABLE NUCLAB12727

FUNDING - NATIONAL CURRENCY 700000 US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

THE AIM OF THIS PROJECT IS THE RADIOACTIVE POLLUTION MONITORING OF THE RIVERS DOURO & TEJO NAMELY OF THE POINT OF VIEW OF THE ESTABLISHMENT OF NUCLEAR POWER PLANTS IN SPAIN

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BARBUS BARBUS	U-238	X							X						X				X	3	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	U-238	X							X						X				X	4	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	TH-232	X							X						X				X	4	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	TH-232	X							X						X				X	3	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	CS-137	X							X						X				X	3	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	CS-137	X							X						X				X	4	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	BETA ACTIVITY-	X							X						X				X	3	4		X	76			X					PORTUGAL	212
BARBUS BARBUS	BETA ACTIVITY-	X							X						X				X	4	4		X	76			X					PORTUGAL	212
BOOPS BOOPS	U-238	X							X						X				X	3	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	U-238	X							X						X				X	4	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	TH-232	X							X						X				X	4	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	TH-232	X							X						X				X	3	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	CS-137	X							X						X				X	3	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	CS-137	X							X						X				X	4	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	BETA ACTIVITY-	X							X						X				X	4	4		X	76		X						PORTUGAL	212
BOOPS BOOPS	BETA ACTIVITY-	X							X						X				X	3	4		X	76		X						PORTUGAL	212
MYTILUS EDULIS	U-238	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
MYTILUS EDULIS	TH-232	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
MYTILUS EDULIS	CS-137	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
MYTILUS EDULIS	BETA ACTIVITY-	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
TAPES DECUSSATUS	U-238	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
TAPES DECUSSATUS	TH-232	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
TAPES DECUSSATUS	CS-137	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223
TAPES DECUSSATUS	BETA ACTIVITY-	X							X						X				X	4	4			75		X						NORTH ATLANTIC O	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

L.F.E.N. B-N.11-1976,N.12-1976,N.17-1976

DATE 771208 INSTITUTE(451) LABORATORIO DE FISICA E ENGENHARIA NUCLEARS JUNTA DE ENERGIA NUCLEAR
ESTRADA NACIONAL 10
SACAVEM
PORTUGAL

PROJECT(111) - MARINE AND ESTUARINE RADIO ECOLOGY DATA VALID AS OF /04/77

LEADER TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /70 /70
OPERATIONAL / CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

RADIOACTIVE MONITORING OF TAGUS ESTUARY BIOLOGICAL SAMPLES IN VICINITY OF LFEN/PORTUGUESE COAST

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS EDULIS	CS-137	X						X							X				X	2	2			73			X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	CO-60	X						X							X				X	2	2			73			X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	BETA ACTIVITY-	X						X							X				X	2	2			73			X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	ZR-95	X						X							X				X	2	2			73			X					NORTH ATLANTIC	O 223
PLANKTON-ZOO	CS-137	X										X			X					8	1		X	71	75			X				NORTH ATLANTIC	O 223
PLANKTON-ZOO	CO-60	X										X			X					8	1		X	71	75			X				NORTH ATLANTIC	O 223
PLANKTON-ZOO	BETA ACTIVITY-	X										X			X					8	1		X	71	75			X				NORTH ATLANTIC	O 223
PLANKTON-ZOO	ZR-95	X										X			X					8	1		X	71	75			X				NORTH ATLANTIC	O 223
PLEURONECTES PLATES	CS-137	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
PLEURONECTES PLATES	CO-60	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
PLEURONECTES PLATES	BETA ACTIVITY-	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
PLEURONECTES PLATES	ZR-95	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
SOLEA VULGARIS	CS-137	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
SOLEA VULGARIS	CO-60	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
SOLEA VULGARIS	BETA ACTIVITY-	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
SOLEA VULGARIS	ZR-95	X						X							X				X	5	4			70				X				NORTH ATLANTIC	O 223
TRACHURUS TRACHURUS	CS-137	X							X							X			X	6	1			73	73		X					NORTH ATLANTIC	O 233
TRACHURUS TRACHURUS	CO-60	X							X							X			X	6	1			73	73		X					NORTH ATLANTIC	O 233
TRACHURUS TRACHURUS	BETA ACTIVITY-	X							X							X			X	6	1			73	73		X					NORTH ATLANTIC	O 233
TRACHURUS TRACHURUS	ZR-95	X							X							X			X	6	1			73	73		X					NORTH ATLANTIC	O 233
VENERUPIS (=TAPES)	CS-137	X						X							X				X	2	2			73			X			X		NORTH ATLANTIC	O 223
VENERUPIS (=TAPES)	CO-60	X						X							X				X	2	2			73			X			X		NORTH ATLANTIC	O 223
VENERUPIS (=TAPES)	BETA ACTIVITY-	X						X							X				X	2	2			73			X			X		NORTH ATLANTIC	O 223
VENERUPIS (=TAPES)	ZR-95	X						X							X				X	2	2			73			X			X		NORTH ATLANTIC	O 223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(460) INSTITUT ROUMAIN DE RECHERCHES MARINES ROMANIA

LABORATOIRE DE POLLUTION
BOUL. LENIN 300
CONSTANTZA 8700

PROJECT(103) - STUDIES OF POLLUTION IN THE BLACK SEA DATA VALID AS OF 15/02/77

LEADER MIHNEA BADU TELEPHONE 43288 TELEX/CABLE 14286

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 23

PROJECT STATUS	START DATE	END DATE
PLANNING	01/74	/
OPERATIONAL	01/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

ESTABLISHING THE INFLUENCE OF DOMESTIC/INDUSTRIAL WASTES IN THE BLACK SEA (ROMANIA) ON MARINE ENVIRONMENT/FLORA/FAUNA, WAYS OF PREV ENTING/FIGHTING AGAINST POLLUTION INFLUENCE OF POLLUTANTS CARRIED BY DANUBE INTO THE BLACK SEA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CERAMIUM NEBRUM	GAMMA ACTIVITY	X		X							X				X					6	6	120		74			X					BLACK SEA	225
CERAMIUM NEBRUM	SR-90	X		X							X				X					6	6	120		74			X					BLACK SEA	225
CERAMIUM NEBRUM	CS-137	X		X							X				X					6	6	120		74			X					BLACK SEA	225
CERAMIUM NEBRUM	CO-60	X		X							X				X					6	6	120		74			X					BLACK SEA	225
CERAMIUM NEBRUM	BETA ACTIVITY-	X		X							X				X					6	6	120		74			X					BLACK SEA	225
CYSTOSEIRA BARBATA	GAMMA ACTIVITY	X		X						X					X					6	6	120		74			X					BLACK SEA	225
CYSTOSEIRA BARBATA	SR-90	X		X						X					X					6	6	120		74			X					BLACK SEA	225
CYSTOSEIRA BARBATA	CS-137	X		X						X					X					6	6	120		74			X					BLACK SEA	225
CYSTOSEIRA BARBATA	CO-60	X		X						X					X					6	6	120		74			X					BLACK SEA	225
CYSTOSEIRA BARBATA	BETA ACTIVITY-	X		X						X					X					6	6	120		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	DIELDRIN	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	DDT-PP	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	PCB'S	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	MERCURY-ORGANI	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	CADMIUM	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	ARSENIC	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	LEAD	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	GAMMA ACTIVITY	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	SR-90	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	CS-137	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	CO-60	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENGRAULIS ENCRASICO	BETA ACTIVITY-	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
ENTEROMORPHA SPP.	GAMMA ACTIVITY	X		X							X				X					6	6	120		74			X					BLACK SEA	225
ENTEROMORPHA SPP.	SR-90	X		X							X				X					6	6	120		74			X					BLACK SEA	225
ENTEROMORPHA SPP.	CS-137	X		X							X				X					6	6	120		74			X					BLACK SEA	225
ENTEROMORPHA SPP.	CO-60	X		X							X				X					6	6	120		74			X					BLACK SEA	225
ENTEROMORPHA SPP.	BETA ACTIVITY-	X		X							X				X					6	6	120		74			X					BLACK SEA	225
MYTILUS GALLOPROVIN	DIELDRIN	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	DDT-PP	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	PCB'S	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	MERCURY-ORGANI	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	CADMIUM	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	ARSENIC	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	LEAD	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	GAMMA ACTIVITY	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	SR-90	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	CS-137	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	CO-60	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	BETA ACTIVITY-	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
MYTILUS GALLOPROVIN	BACTERIA	X		X				X							X					6	6	120		74			X		X		X	BLACK SEA	225
SPRATTUS SPRATTUS S	DIELDRIN	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	DDT-PP	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	PCB'S	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	MERCURY-ORGANI	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	CADMIUM	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	ARSENIC	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	LEAD	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	GAMMA ACTIVITY	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	SR-90	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	CS-137	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	CO-60	X		X				X							X				X	5	5	100		74								BLACK SEA	225
SPRATTUS SPRATTUS S	BETA ACTIVITY-	X		X				X							X				X	5	5	100		74								BLACK SEA	225
TRACHURUS TRACHURUS	DIELDRIN	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	DDT-PP	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	PCB'S	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	MERCURY-ORGANI	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	CADMIUM	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	ARSENIC	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	LEAD	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	GAMMA ACTIVITY	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	SR-90	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	CS-137	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225
TRACHURUS TRACHURUS	CO-60	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225

INSTITUTE(460) INSTITUT ROUMAIN DE RECHERCHES MARINES
LABORATOIRE DE POLLUTION
BOUL. LENIN 300
CONSTANTZA 8700

ROMANIA

PROJECT(103) - STUDIES OF POLLUTION IN THE BLACK SEA

DATA VALID AS OF 15/02/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	SAMPLE DESCRPTN: WEIGHT	SAMPLE DESCRPTN: AGE	SAMPLE DESCRPTN: DEVSTG	PRESERVATION METHOD: NOT	PRESERVATION METHOD: ICED	PRESERVATION METHOD: FROZEN	PRESERVATION METHOD: SALTED	PRESERVATION METHOD: DRIED	PRESERVATION METHOD: FORMOL	PRESERVATION METHOD: ALCOHL	PRESERVATION METHOD: OTHER	SAMPLE ORIGIN: FIELD	SAMPLE ORIGIN: COMRCL	SAMPLE ORIGIN: AQCLTR	SAMPLE ORIGIN: OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	RAW DATA: YR EN	RAW DATA: COMP	RAW DATA: INHSE	RAW DATA: PUBLSH	BIOASSAYS: TOXCTY	BIOASSAYS: FDCHN	BIOASSAYS: OTHBIO	GEOGRAPHIC AREA	WAT COD
TRACHURUS TRACHURUS	BETA ACTIVITY-	X		X				X							X				X	5	5	100		74			X					BLACK SEA	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

RECHERCHES MARINE

DATE 771208 INSTITUTE(470) SEA FISHERIES BRANCH SOUTH AFRICA
PRIVATE BAG SEA POINT
CAPE TOWN

PROJECT(025) - ACCUMULATION OF METALS BY MARINE ORGANISMS DATA VALID AS OF 26/07/77

LEADER FOURIE H.O. TELEPHONE 021449521 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 20000 STAFF OF 3

PROJECT STATUS START DATE END DATE
PLANNING /73 /74
OPERATIONAL /74 CONTINUING

SUB-PROGRAMME OF NAT.PROG.FOR ENVIRON.SCIENCES

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

ESTABLISH EXISTING BACKGROUND LEVELS OF METALS IN MARINE ORGANISMS. MONITOR FUTURE POLLUTION BY MEANS OF INDICATOR SPECIES. OBTAIN INFORMATION ON INTER-ELEMENT RELATIONSHIPS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHOROMYTILUS MERIDI	MERCURY-TOTAL	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	COPPER	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	ZINC	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	CHROMIUM	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	CADMIUM	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	ANTIMONY	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	BISMUTH	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	IRON	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	MANGANESE	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	LEAD	X	X						X						X					4	1	100	X	74				X				EASTERN SHELF ZO	232
CRASSOSTREA GIGAS	MERCURY-TOTAL	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	COPPER	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	ZINC	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	CHROMIUM	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	CADMIUM	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	ANTIMONY	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	BISMUTH	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	IRON	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	MANGANESE	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA GIGAS	LEAD	X							X						X				X	10	4	120	X	74				X				EASTERN SHELF ZO	233
CRASSOSTREA MARGARI	MERCURY-TOTAL	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	COPPER	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	ZINC	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	CHROMIUM	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	CADMIUM	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	ANTIMONY	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	BISMUTH	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	IRON	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	MANGANESE	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
CRASSOSTREA MARGARI	LEAD	X							X						X					1	1	100	X	74				X				EASTERN SHELF ZO	231
HALIOTIS MIDAE	COPPER	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	ZINC	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	CHROMIUM	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	CADMIUM	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	ANTIMONY	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	BISMUTH	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	IRON	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	MANGANESE	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
HALIOTIS MIDAE	LEAD	X	X						X						X					3	3	5	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	MERCURY-TOTAL	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	COPPER	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	ZINC	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	CHROMIUM	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	CADMIUM	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	ANTIMONY	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	BISMUTH	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	IRON	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	MANGANESE	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
JASUS LALANDII	LEAD	X	X						X						X				X	3	1	10	X	74				X				EASTERN SHELF ZO	233
MACTRA GLABRATA	COPPER	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	ZINC	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	CHROMIUM	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	CADMIUM	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	ANTIMONY	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	BISMUTH	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	IRON	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	MANGANESE	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
MACTRA GLABRATA	LEAD	X	X						X						X					1	1	30	X	74				X				EASTERN SHELF ZO	231
PYURA STOLONIFERA	COPPER	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	ZINC	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	CHROMIUM	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	CADMIUM	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232

PRIVATE BAG SEA POINT
CAPE TOWN

PROJECT(D25) - ACCUMULATION OF METALS BY MARINE ORGANISMS DATA VALID AS OF 26/07/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FRQZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PYURA STOLCNIFERA	ANTIMONY	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	BISMUTH	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	IRON	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	MANGANESE	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
PYURA STOLONIFERA	LEAD	X		X					X						X					4	1	5	X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	COPPER	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	ZINC	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	CHROMIUM	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	CADMIUM	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	ANTIMONY	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	BISMUTH	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	IRON	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	MANGANESE	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232
ULVA SPP.	LEAD	X		X					X						X					4	1		X	74				X				EASTERN SHELF ZO	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

SOUTH AFRICAN JOURNAL OF SCIENCE

DATE 771208 INSTITUTE(470) SEA FISHERIES BRANCH
PRIVATE BAG SEA POINT
CAPE TOWN

SOUTH AFRICA

PROJECT(D26) - STUDY OF METAL CONTENT IN SPECIES OF FISH DATA VALID AS OF 26/07/77

LEADER FOURIE H.O. TELEPHONE 021449521 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/77	/77
OPERATIONAL	/77 CONTINUING	

SUB-PROGRAMME OF NAT.PROG.FOR ENVIRON.SCIENCES

PURPOSE OF PROJECT

TO ESTABLISH BASELINE LEVELS OF METALS IN FISH SPECIES COMMERCIALLY EXPLOIT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	PRESERVATION METHOD: FROZEN	SAMPLE ORIGIN: FIELD	SAMPLE ORIGIN: COMMERCL	HUMCOMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA: YR ST	RAW DATA: PUBLSH	GEOGRAPHIC AREA	WAT COD
AUSTROGLOSSUS MICRO	MERCURY-TOTAL	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	COPPER	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	ZINC	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	CHROMIUM	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	CADMIUM	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	ANTIMONY	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	BISMUTH	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	IRON	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	MANGANESE	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS MICRO	LEAD	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	MERCURY-TOTAL	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	COPPER	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	ZINC	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	CHROMIUM	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	CADMIUM	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	ANTIMONY	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	BISMUTH	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	IRON	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	MANGANESE	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
AUSTROGLOSSUS PECTO	LEAD	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	MERCURY-TOTAL	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	COPPER	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	ZINC	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	CHROMIUM	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	CADMIUM	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	ANTIMONY	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	BISMUTH	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	IRON	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	MANGANESE	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
ENGRAULIS CAPENSIS	LEAD	X	X	X		X		1	1	4	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	MERCURY-TOTAL	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	COPPER	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	ZINC	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	CHROMIUM	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	CADMIUM	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	ANTIMONY	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	BISMUTH	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	IRON	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	MANGANESE	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
GENYPTERUS CAPENSIS	LEAD	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	MERCURY-TOTAL	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	COPPER	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	ZINC	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	CHROMIUM	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	CADMIUM	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	ANTIMONY	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	BISMUTH	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	IRON	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	MANGANESE	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JASUS LALANDII	LEAD	X	X	X	X		X	5	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	MERCURY-TOTAL	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	COPPER	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	ZINC	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	CHROMIUM	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	CADMIUM	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	ANTIMONY	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	BISMUTH	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	IRON	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	MANGANESE	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	LEAD	X	X	X		X	X	1	2	8	77	X	EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	MERCURY-TOTAL	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	COPPER	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	ZINC	X	X	X	X		X	1	2	8	77	X	EASTERN SHELF ZO	233

PROJECT(D26) - STUDY OF METAL CONTENT IN SPECIES OF FISH DATA VALID AS OF 26/07/77

HOST SUBSTANCE	CONTAMINANT	CLBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSWP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MERLUCCIUS CAPENSIS	CHROMIUM	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	CADMIUM	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	ANTIMONY	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	BISMUTH	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	IRON	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	MANGANESE	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	LEAD	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	MERCURY-TOTAL	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	COPPER	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	ZINC	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	CHROMIUM	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	CADMIUM	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	ANTIMONY	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	BISMUTH	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	IRON	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	MANGANESE	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
PETRUS RUPESTRIS	LEAD	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	MERCURY-TOTAL	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	COPPER	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	ZINC	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	CHROMIUM	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	CADMIUM	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	ANTIMONY	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	BISMUTH	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	IRON	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	MANGANESE	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SARDINOPS OCELLATA	LEAD	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	MERCURY-TOTAL	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	COPPER	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	ZINC	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	CHROMIUM	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	CADMIUM	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	ANTIMONY	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	BISMUTH	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	IRON	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	MANGANESE	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SCOMBER JAPONICUS	LEAD	X	X						X							X				1	1	4		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	MERCURY-TOTAL	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	COPPER	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	ZINC	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	CHROMIUM	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	CADMIUM	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	ANTIMONY	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	BISMUTH	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	IRON	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	MANGANESE	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
SERIOLA LALANDI	LEAD	X	X						X							X			X	1	2	8		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	MERCURY-TOTAL	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	COPPER	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	ZINC	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	CHROMIUM	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	CADMIUM	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	ANTIMONY	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	BISMUTH	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	IRON	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	MANGANESE	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THUNNUS ALALUNGA	LEAD	X	X						X							X			X	1	1	4		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	MERCURY-TOTAL	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	COPPER	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	ZINC	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	CHROMIUM	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	CADMIUM	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	ANTIMONY	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	BISMUTH	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	IRON	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	MANGANESE	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
THYRSITES(=LEIONURA	LEAD	X	X						X						X				X	1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	MERCURY-TOTAL	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	COPPER	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	ZINC	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	CHROMIUM	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	CADMIUM	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	ANTIMONY	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	BISMUTH	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	IRON	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	MANGANESE	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233
TRACHURUS TRACHURUS	LEAD	X	X						X							X				1	2	8		77				X				EASTERN SHELF ZO	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

SOUTH AFRICAN JOURNAL OF SCIENCE ETC.

DATE 771208 INSTITUTE(471) NATIONAL INSTITUTE FOR WATER RESEARCH SOUTH AFRICA
COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH
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PROJECT(C15) - NATIONAL MARINE POLLUTION SURVEYS DATA VALID AS OF 14/04/77

LEADER OLIFF W.D. TELEPHONE 35-0150 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 68000 US DOLLAR EQUIVALENT - . STAFF OF 7

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/74	/79

SUB-PROGRAMME OF SCOPE-ICSU

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO IDENTIFY SCIENTIFIC PROBLEMS OF POLLUTION OF MARINE ENVIRONMENT ALONG THE COAST OF SOUTH AFRICA. TO DETERMINE RESEARCH NEEDS & PRIORITIES IN THIS REGARD, TO INITIATE AND COORDINATE RESEARCH WHICH WOULD LEAD TO THE SOLUTION OF THESE PROBLEMS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATBR	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACANTHOPAGRUS BERDA	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ACANTHOPAGRUS BERDA	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
ARGYROSOMUS HOLOLEP	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
BULLIA NATALENSIS	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CALLIANASSA SPP.	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
CRASSOSTREA MARGARI	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232

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PROJECT(C15) - NATIONAL MARINE POLLUTION SURVEYS DATA VALID AS OF 14/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	PRESERVATION METHOD NONE	SAMPLE ORIGIN FIELD	HUM COMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	COMP	INDIV	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
DIPLODUS SARGUS	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	COPPER	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	ZINC	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	CHROMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	CADMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
DIPLODUS SARGUS	LEAD	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	COPPER	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	ZINC	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	CHROMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	CADMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
ELOPS MACHNATA	LEAD	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	COPPER	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	ZINC	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	CHROMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	CADMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
JOHNIUS HOLOLEPIDOT	LEAD	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	COPPER	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	ZINC	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	CHROMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	CADMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
LUTJANUS ARGENTIMAC	LEAD	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	COPPER	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	ZINC	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	CHROMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	CADMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CANALICULATUS	LEAD	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	COPPER	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	ZINC	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	CHROMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	CADMIUM	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
MUGIL CEPHALUS	LEAD	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	BHC-GAMMA		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	DIELDRIN		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	DDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	TDE-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	DDT-PP		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	DDT-TOTAL		X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232
OTOLITHES RUBER	MERCURY-TOTAL	X	X	X	X	X	X	103	1	103	X	74	77	X	X		SOUTH INDIAN OCE	232

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PROJECT(C15) - NATIONAL MARINE POLLUTION SURVEYS DATA VALID AS OF 14/04/77

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUM CONSUMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
OTOLITHES RUBER	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
OTOLITHES RUBER	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
OTOLITHES RUBER	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
OTOLITHES RUBER	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
OTOLITHES RUBER	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PANULIRUS HOMARUS H	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PENAEUS INDICUS	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
PERNA SPP.	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
POMADASYS COMMERSON	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
RHABDOSARGUS SPP.	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	BHC-GAMMA		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	DIELDRIN		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	DDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	TDE-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	DDT-PP		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	DDT-TOTAL		X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	MERCURY-TOTAL	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	COPPER	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	ZINC	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	CHROMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	CADMIUM	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232
TRACHINOTUS RUSSELL	LEAD	X	X	X			X								X				X	103	1	103	X	74	77	X	X					SOUTH INDIAN OCE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ATOMIC ENERGY BOARD
PRIVATE BAG X256
PRETORIA

PROJECT(120) - DUYNEFONTEIN ENVIROMENTAL SURVEY DATA VALID AS OF 06/08/75

LEADER J.K.BASSON AND D. VAN AS TELEPHONE 794841 TELEX/CABLE 30253 SA

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/70	/
OPERATIONAL	01/71	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

BASELINE DETERMINATIONS AND DETERMINATION OF CONCENTRATICN FACTORS IN EDIBLE MARINE BIOLOGICAL SPECIES FOR A NUMBER OF CORROSION EL EMENTS AS WELL AS IDENTIFICATOR OF INDICATOR ORGANISMS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	H	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S	RAW DATA YR ST	YR EN	C I P	BIOAS-SAYS	GEOGRAPHIC AREA	WAT COD
ARGYROZONA ARGYROZO	MERCURY-INORGA			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	MERCURY-ORGANI			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	MERCURY-TOTAL			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	COPPER			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	ZINC	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	CHROMIUM	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	CADMIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	ARSENIC			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	ANTIMONY	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	BISMUTH			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	IRON			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	MANGANESE			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	COBALT			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	SELENIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
ARGYROZONA ARGYROZO	LEAD			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
CHOROMYTILUS MERIDI	MERCURY-INORGA			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	MERCURY-ORGANI			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	MERCURY-TOTAL			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	COPPER			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	ZINC	X		X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	CHROMIUM	X		X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	CADMIUM			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	ARSENIC			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	ANTIMONY	X		X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	BISMUTH			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	IRON			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	MANGANESE			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	COBALT			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	SELENIUM			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
CHOROMYTILUS MERIDI	LEAD			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	MERCURY-INORGA			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	MERCURY-ORGANI			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	MERCURY-TOTAL			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	COPPER			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	ZINC	X		X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	CHROMIUM	X		X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	CADMIUM			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	ARSENIC			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	ANTIMONY	X		X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	BISMUTH			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	IRON			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	MANGANESE			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	COBALT			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	SELENIUM			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
DONAX SERA	LEAD			X	X	X	3	3	30	X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	MERCURY-INORGA			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	MERCURY-ORGANI			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	MERCURY-TOTAL			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	COPPER			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	ZINC	X		X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	CHROMIUM	X		X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	CADMIUM			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	ARSENIC			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	ANTIMONY	X		X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	BISMUTH			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	IRON			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	MANGANESE			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	COBALT			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	SELENIUM			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
ECKLONIA MAXIMA	LEAD			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	MERCURY-INORGA			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	MERCURY-ORGANI			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	MERCURY-TOTAL			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232

DATE 771208 INSTITUTE(473) ISOTOPES AND RADIATION DIVISION
ATOMIC ENERGY BOARD
PRIVATE BAG X256
PRETORIA

SOUTH AFRICA

PROJECT(120) - DUYNEFONTEIN ENVIROMENTAL SURVEY

DATA VALID AS OF 06/08/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	PUBLSH	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
GIGARTINA RACHULA	COPPER			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	ZINC	X		X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	CHROMIUM	X		X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	CADMIUM			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	ARSENIC			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	ANTIMONY	X		X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	BISMUTH			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	IRON			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	MANGANESE			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	COBALT			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	SELENIUM			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
GIGARTINA RACHULA	LEAD			X	X		3	1		X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	MERCURY-INORGA			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	MERCURY-ORGANI			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	MERCURY-TOTAL			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	COPPER			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	ZINC	X		X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	CHROMIUM	X		X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	CADMIUM			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	ARSENIC			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	ANTIMONY	X		X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	BISMUTH			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	IRON			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	MANGANESE			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	COBALT			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	SELENIUM			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
HALIOTIS MIDAE	LEAD			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	MERCURY-INORGA			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	MERCURY-ORGANI			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	MERCURY-TOTAL			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	COPPER			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	ZINC	X		X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	CHROMIUM	X		X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	CADMIUM			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	ARSENIC			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	ANTIMONY	X		X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	BISMUTH			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	IRON			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	MANGANESE			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	COBALT			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	SELENIUM			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JASUS LALANDII	LEAD			X	X	X	3	3	6	X	71	73	X		EASTERN SHELF ZO	232
JOHNIUS HOLOLEPIDOT	MERCURY-INORGA			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	MERCURY-ORGANI			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	MERCURY-TOTAL			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	COPPER			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	ZINC	X		X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	CHROMIUM	X		X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	CADMIUM			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	ARSENIC			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	ANTIMONY	X		X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	BISMUTH			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	IRON			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	MANGANESE			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	COBALT			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	SELENIUM			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
JOHNIUS HOLOLEPIDOT	LEAD			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	MERCURY-INORGA			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	MERCURY-ORGANI			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	MERCURY-TOTAL			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	COPPER			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	ZINC	X		X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	CHROMIUM	X		X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	CADMIUM			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	ARSENIC			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	ANTIMONY	X		X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	BISMUTH			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	IRON			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	MANGANESE			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	COBALT			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	SELENIUM			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MERLUCCIUS CAPENSIS	LEAD			X	X	X	1	2	4	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	MERCURY-INORGA			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	MERCURY-ORGANI			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	MERCURY-TOTAL			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	COPPER			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	ZINC	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	CHROMIUM	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	CADMIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	ARSENIC			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233

ATOMIC ENERGY BOARD
PRIVATE BAG X256
PRETORIA

PROJECT(120) - DUYNEFONTEIN ENVIROMENTAL SURVEY

DATA VALID AS OF 06/08/75

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN	PRESERVATION METHOD	SAMPLE ORIGIN	H U	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I	RAW DATA YR ST	YR EN	C I P	BIOAS-SAYS	GEOGRAPHIC AREA	WAT COD
MUGIL RICHARDSONI	ANTIMONY	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	BISMUTH			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	IRON			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	MANGANESE			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	COBALT			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	SELENIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
MUGIL RICHARDSONI	LEAD			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	MERCURY-INORGA			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	MERCURY-ORGANI			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	MERCURY-TOTAL			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	COPPER			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	ZINC	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	CHROMIUM	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	CADMIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	ARSENIC			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	ANTIMONY	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	BISMUTH			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	IRON			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	MANGANESE			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	COBALT			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	SELENIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PACHYMETOPON GRANDE	LEAD			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	MERCURY-INORGA			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	MERCURY-ORGANI			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	MERCURY-TOTAL			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	COPPER			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	ZINC	X		X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	CHROMIUM	X		X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	CADMIUM			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	ARSENIC			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	ANTIMONY	X		X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	BISMUTH			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	IRON			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	MANGANESE			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	COBALT			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	SELENIUM			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PLANKTON	LEAD			X	X	X	3	4		X	71	73	X		EASTERN SHELF ZO	233
PORPHYRA CAPENSIS	MERCURY-INORGA			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	MERCURY-ORGANI			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	MERCURY-TOTAL			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	COPPER			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	ZINC	X		X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	CHROMIUM	X		X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	CADMIUM			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	ARSENIC			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	ANTIMONY	X		X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	BISMUTH			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	IRON			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	MANGANESE			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	COBALT			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	SELENIUM			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
PORPHYRA CAPENSIS	LEAD			X	X		3	3		X	71	73	X		EASTERN SHELF ZO	232
SARDINOPS OCELLATA	MERCURY-INORGA			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	MERCURY-ORGANI			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	MERCURY-TOTAL			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	COPPER			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	ZINC	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	CHROMIUM	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	CADMIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	ARSENIC			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	ANTIMONY	X		X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	BISMUTH			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	IRON			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	MANGANESE			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	COBALT			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	SELENIUM			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SARDINOPS OCELLATA	LEAD			X	X	X	1	1	2	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	MERCURY-INORGA			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	MERCURY-ORGANI			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	MERCURY-TOTAL			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	COPPER			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	ZINC	X		X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	CHROMIUM	X		X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	CADMIUM			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	ARSENIC			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	ANTIMONY	X		X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	BISMUTH			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	IRON			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	MANGANESE			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233
SCOMBER JAPONICUS	COBALT			X	X	X	1	3	6	X	71	73	X		EASTERN SHELF ZO	233

DATE 771208 INSTITUTE(473) ISOTOPES AND RADIATION DIVISION SOUTH AFRICA
ATOMIC ENERGY BOARD
PRIVATE BAG X256
PRETORIA

PROJECT(120) - DUYNEFONTEIN ENVIROMENTAL SURVEY DATA VALID AS OF 06/08/75

HOST SUBSTANCE	CONTAMINANT	C CLBRTD	PRESERVATION METHOD FROZEN	SAMPLE ORIGIN FIELD	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	PUBLSH	GEOGRAPHIC AREA	WAT COD
SCOMBER JAPONICUS	SELENIUM		X	X	X	1	3	6	X	71	73	X	EASTERN SHELF	ZO 233
SCOMBER JAPONICUS	LEAD		X	X	X	1	3	6	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	MERCURY-INORGA		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	MERCURY-ORGANI		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	MERCURY-TOTAL		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	COPPER		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	ZINC	X	X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	CHROMIUM	X	X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	CADMIUM		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	ARSENIC		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	ANTIMONY	X	X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	BISMUTH		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	IRON		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	MANGANESE		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	COBALT		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	SELENIUM		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SERIOLA PAPPEI	LEAD		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SUHRIA VITTATA	MERCURY-INORGA		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	MERCURY-ORGANI		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	MERCURY-TOTAL		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	COPPER		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	ZINC	X	X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	CHROMIUM	X	X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	CADMIUM		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	ARSENIC		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	ANTIMONY	X	X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	BISMUTH		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	IRON		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	MANGANESE		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	COBALT		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	SELENIUM		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SUHRIA VITTATA	LEAD		X	X		3	1		X	71	73	X	EASTERN SHELF	ZO 232
SYNAPTURA MARGINATA	MERCURY-INORGA		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	MERCURY-ORGANI		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	MERCURY-TOTAL		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	COPPER		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	ZINC	X	X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	CHROMIUM	X	X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	CADMIUM		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	ARSENIC		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	ANTIMONY	X	X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	BISMUTH		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	IRON		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	MANGANESE		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	COBALT		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	SELENIUM		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
SYNAPTURA MARGINATA	LEAD		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	MERCURY-INORGA		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	MERCURY-ORGANI		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	MERCURY-TOTAL		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	COPPER		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	ZINC	X	X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	CHROMIUM	X	X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	CADMIUM		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	ARSENIC		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	ANTIMONY	X	X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	BISMUTH		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	IRON		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	MANGANESE		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	COBALT		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	SELENIUM		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
TRACHURUS TRACHURUS	LEAD		X	X	X	1	1	2	X	71	73	X	EASTERN SHELF	ZO 233
ULVA SPP.	MERCURY-INORGA		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	MERCURY-ORGANI		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	MERCURY-TOTAL		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	COPPER		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	ZINC	X	X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	CHROMIUM	X	X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	CADMIUM		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	ARSENIC		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	ANTIMONY	X	X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	BISMUTH		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	IRON		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	MANGANESE		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	COBALT		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	SELENIUM		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
ULVA SPP.	LEAD		X	X		3	3		X	71	73	X	EASTERN SHELF	ZO 232
XIPHIURUS CAPENSIS	MERCURY-INORGA		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
XIPHIURUS CAPENSIS	MERCURY-ORGANI		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233
XIPHIURUS CAPENSIS	MERCURY-TOTAL		X	X	X	1	2	4	X	71	73	X	EASTERN SHELF	ZO 233

DATE 771208 INSTITUTE(473) ISOTOPES AND RADIATION DIVISION
ATOMIC ENERGY BOARD
PRIVATE BAG X256
PRETORIA
SOUTH AFRICA

PROJECT(12Q) - DUYNEFONTEIN ENVIROMENTAL SURVEY DATA VALID AS OF 06/08/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
XIPHIURUS CAPENSIS	COPPER								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	ZINC	X							X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	CHROMIUM	X							X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	CADMIUM								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	ARSENIC								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	ANTIMONY	X							X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	BISMUTH								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	IRON								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	MANGANESE								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	COBALT								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	SELENIUM								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233
XIPHIURUS CAPENSIS	LEAD								X						X				X	1	2	4	X	71	73			X				EASTERN SHELF ZO	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

S.A.JOURNAL OF SCIENCE,VOL.71,MAY 1975

DATE 771208 INSTITUTE(480) INSTITUTO DE INVESTIGACIONES PESQUERAS SPAIN
PASEO NACIONAL, S/N
BARCELONA

PROJECT(115) - CONTROL DE LA POLUCION QUIMICA DEL LITORAL CATALAN DATA VALID AS OF 03/07/75

LEADER A.BALLESTER NOLLA TELEPHONE 3106450 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/75	04/75
OPERATIONAL	04/75	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

PRETENDE REALIZAR UN ESTUDIO CONTINUO DE LOS PRINCIPALES CONTAMINANTS METALICOS DEL LITORAL MEDITERRANEO ESPANOL (HG/CD). TODO ELLO DENTRO DEL MARCO DEL PROGRAMA GENERAL DE LA CONTAMINACION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMERCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MERLUCCIUS MERLUCCI	MERCURY-TOTAL	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MERLUCCIUS MERLUCCI	CADMIUM	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MERLUCCIUS MERLUCCI	SELENIUM	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MERLUCCIUS MERLUCCI	LEAD	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MULLUS BARBATUS	MERCURY-TOTAL	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MULLUS BARBATUS	CADMIUM	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MULLUS BARBATUS	SELENIUM	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MULLUS BARBATUS	LEAD	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	MERCURY-TOTAL	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	CADMIUM	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	SELENIUM	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	LEAD	X	X	X			X				X				X	X			X	4	12	48	X	75				X		X		MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CADIZ

PROJECT(069) - CONTAMINACION POR METALES PESADOS DE LOS COSTAS ATLANTICAS DATA VALID AS OF 17/06/75

LEADER RAFAEL ESTABLIER TELEPHONE 235846 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/66	/
OPERATIONAL	/66	/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETERMINAR LOS NIVELES DE CONTAMINACION POR METALES PESADOS EN ESPECIES MARINAS COMERCIALES PROCEDENTES DE LAS COSTAS ESPANOLAS Y EN INDICADORES BIOLOGICOS AL OBJETO DE PODER DETECTAR POSIBLES AREAS CONTAMINADAS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	MERCURY-TOTAL	X	X				X								X			X	X	2	8	78		73	73			X				NORTH ATLANTIC O	232
CRASSOSTREA GIGAS A	MERCURY-TOTAL	X	X				X								X		X		X	12	18	38	X	66	74			X	X			NORTH ATLANTIC O	232
CRASSOSTREA GIGAS A	COPPER	X	X				X								X		X		X	12	18	38	X	66	74			X	X			NORTH ATLANTIC O	232
CRASSOSTREA GIGAS A	ZINC	X	X				X								X		X		X	12	18	38	X	66	74			X	X			NORTH ATLANTIC O	232
CRASSOSTREA GIGAS A	CADMIUM	X	X				X								X		X		X	12	18	38	X	66	74			X	X			NORTH ATLANTIC O	232
DENTEX MACROPHTHALM	MERCURY-TOTAL	X	X					X								X			X	1	1	3		71	71			X				SOUTH ATLANTIC O	233
MERLUCCIUS MERLUCCI	MERCURY-TOTAL	X	X					X								X			X	1	6	7		71	72			X				SOUTH ATLANTIC O	233
MUGIL CEPHALUS	CADMIUM	X	X				X										X		X	1	2	4		73	73			X				NORTH ATLANTIC O	232
MYTILUS EDULIS	MERCURY-TOTAL	X	X				X										X		X	17	2	24		72	72			X				BAY OF BISCAY	232
NEPHROPS NORVEGICUS	MERCURY-TOTAL	X	X					X								X			X	1	3	4		71	71			X				SOUTH ATLANTIC O	233
PARAPENAEUS LONGIRO	MERCURY-TOTAL	X	X					X								X			X	1	4	4		71	71			X				SOUTH ATLANTIC O	233
PATELLA SPP.	CADMIUM	X	X				X								X					6	7	8		72	74			X				NORTH ATLANTIC O	232
PENAEUS KERATHURUS	MERCURY-TOTAL	X	X					X							X				X	3	4	8		71	74			X				NORTH ATLANTIC O	232
PENAEUS KERATHURUS	CADMIUM	X	X					X							X				X	3	4	8		71	74			X				NORTH ATLANTIC O	232
SARDINA PILCHARDUS	MERCURY-TOTAL	X	X					X								X			X	1	1	4		71	72			X				NORTH ATLANTIC O	233
SOLEA VULGARIS	MERCURY-TOTAL	X	X					X							X				X	1	3	3		71	72			X				NORTH ATLANTIC O	232
SOLEA VULGARIS	CADMIUM	X	X					X							X				X	1	3	3		71	72			X				NORTH ATLANTIC O	232
SQUILLA MANTIS	MERCURY-TOTAL	X	X					X							X				X	1	2	4		74	74			X				NORTH ATLANTIC O	232
THUNNUS THYNNUS	MERCURY-TOTAL	X	X				X									X			X	1	3	6		71	71			X				NORTH ATLANTIC O	232
TRACHURUS TRACHURUS	MERCURY-TOTAL	X	X					X								X			X	1	2	4		71	72			X				SOUTH ATLANTIC O	233
VENERUPIS (=TAPES)	CADMIUM	X	X				X								X				X	3	1	3		73	73			X				NORTH ATLANTIC O	232
VENUS GALLINA	MERCURY-TOTAL	X	X				X									X			X	3	3	9		71	71			X				NORTH ATLANTIC O	232
XIPHIAS GLADIUS	MERCURY-TOTAL	X	X					X								X			X	1	2	5		71	71			X				NORTH ATLANTIC O	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(485) INSTITUTO DE INVESTIGACIONES PESQUERAS SPAIN
MUELLE DE BOUZAS S/N
VIGO (PONTEVEDRA)

PROJECT(130) - NIVELES DE CONTAMINACION POR COMPUSTOS ORGANOCLORADOS DATA VALID AS OF 04/09/75

LEADER JOSE FRANCO TELEPHONE 231930 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	03/73	04/74
OPERATIONAL	05/74	CONTINUING

SUB-PROGRAMME OF CGPM(GFCM)

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

NIVELES DE CONTAMINACION, TIPO Y POSIBILIDAD DE TRANSFORMACION DE LOS COMPUSTOS ORGANOCLORADOS EN EL MEDIO Y EN LOS ESPECIES ESTUDIADAS. RELACION DE LOS NIVELES DE CONTAMINACION Y PROCESOS CICLICOS NATURALES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS EDULIS	DIELDRIN	X	X	X					X						X				X	5	12	1800		75								NORTH ATLANTIC	O 225
MYTILUS EDULIS	DDE-PP	X	X	X					X						X				X	5	12	1800		75								NORTH ATLANTIC	O 225
MYTILUS EDULIS	TDE-PP	X	X	X					X						X				X	5	12	1800		75								NORTH ATLANTIC	O 225
MYTILUS EDULIS	DDT-PP	X	X	X					X						X				X	5	12	1800		75								NORTH ATLANTIC	O 225
MYTILUS EDULIS	DDT-OP	X	X	X					X						X				X	5	12	1800		75								NORTH ATLANTIC	O 225
MYTILUS EDULIS	PCB'S	X	X	X					X						X				X	5	12	1800		75								NORTH ATLANTIC	O 225
NUCELLA LAPILLUS	DIELDRIN	X	X	X					X						X					5	12	1100		75								NORTH ATLANTIC	O 225
NUCELLA LAPILLUS	DDE-PP	X	X	X					X						X					5	12	1100		75								NORTH ATLANTIC	O 225
NUCELLA LAPILLUS	TDE-PP	X	X	X					X						X					5	12	1100		75								NORTH ATLANTIC	O 225
NUCELLA LAPILLUS	DDT-PP	X	X	X					X						X					5	12	1100		75								NORTH ATLANTIC	O 225
NUCELLA LAPILLUS	DDT-OP	X	X	X					X						X					5	12	1100		75								NORTH ATLANTIC	O 225
NUCELLA LAPILLUS	PCB'S	X	X	X					X						X					5	12	1100		75								NORTH ATLANTIC	O 225
PATELLA SPP.	DIELDRIN	X	X	X					X						X					5	12	720		75								NORTH ATLANTIC	O 225
PATELLA SPP.	DDE-PP	X	X	X					X						X					5	12	720		75								NORTH ATLANTIC	O 225
PATELLA SPP.	TDE-PP	X	X	X					X						X					5	12	720		75								NORTH ATLANTIC	O 225
PATELLA SPP.	DDT-PP	X	X	X					X						X					5	12	720		75								NORTH ATLANTIC	O 225
PATELLA SPP.	DDT-OP	X	X	X					X						X					5	12	720		75								NORTH ATLANTIC	O 225
PATELLA SPP.	PCB'S	X	X	X					X						X					5	12	720		75								NORTH ATLANTIC	O 225
SARDINA PILCHARDUS	DIELDRIN	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
SARDINA PILCHARDUS	DDE-PP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
SARDINA PILCHARDUS	TDE-PP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
SARDINA PILCHARDUS	DDT-PP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
SARDINA PILCHARDUS	DDT-OP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
SARDINA PILCHARDUS	PCB'S	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
TRACHURUS TRACHURUS	DIELDRIN	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
TRACHURUS TRACHURUS	DDE-PP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
TRACHURUS TRACHURUS	TDE-PP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
TRACHURUS TRACHURUS	DDT-PP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
TRACHURUS TRACHURUS	DDT-OP	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225
TRACHURUS TRACHURUS	PCB'S	X	X	X					X							X			X	1	15	250		74				X				NORTH ATLANTIC	O 225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

JUAN DE LA CIERVA 3
MADRID-2

PROJECT(818) - CONTAMINACION LITORAL POR HIDROCARBUROS CLORADOS   DATA VALID AS OF 10/02/77

LEADER G.BALUJA   TELEPHONE 2622900   TELEX/CABLE

FUNDING - NATIONAL CURRENCY 1000000 US DOLLAR EQUIVALENT -   STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/68	/68
OPERATICNAL	/70	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MEDIR NIVELES DE CONTAMINACION POR HIDROCARBURCS CLORADOS DE ELEVADA PERSISTENCIA EN EL MEDIO EN ESPECIES MARINAS REPRESENTATIVAS Y SU INCIDENCIA SOBRE LA BIOLOGIA DE LAS ESPECIE Y EN LA ALIMENTACION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
APHYA MINUTA	BHC-ALPHA	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	BHC-GAMMA	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	DIELDRIN	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	DDE-PP	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	TDE-PP	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	DDT-PP	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	DDT-OP	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	DDT-TOTAL	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
APHYA MINUTA	PCB'S	X	X	X				X							X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
BARBUS BARBUS	BHC-ALPHA	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	BHC-GAMMA	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	DIELDRIN	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	DDE-PP	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	TDE-PP	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	DDT-PP	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	DDT-OP	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	DDT-TOTAL	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
BARBUS BARBUS	PCB'S	X	X	X					X									X		1	1	10	X	70	70			X				MEDITERRANEAN SE	212
CENTROPHORUS LUSSIT	BHC-ALPHA	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	BHC-GAMMA	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	DIELDRIN	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	DDE-PP	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	TDE-PP	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	DDT-PP	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	DDT-OP	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	DDT-TOTAL	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CENTROPHORUS LUSSIT	PCB'S	X	X	X		X		X	X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
CYPRINUS CARPIO	BHC-ALPHA	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	BHC-GAMMA	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	DIELDRIN	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	DDE-PP	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	TDE-PP	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	DDT-PP	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	DDT-OP	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	DDT-TOTAL	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
CYPRINUS CARPIO	PCB'S	X	X	X	X				X									X		1	1	4	X	70	70			X				SPAIN	212
ESOX LUCIUS	BHC-ALPHA	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	BHC-GAMMA	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	DIELDRIN	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	DDE-PP	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	TDE-PP	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	DDT-PP	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	DDT-OP	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	DDT-TOTAL	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
ESOX LUCIUS	PCB'S	X	X	X	X				X									X		4	1	10		67	70			X				SPAIN	213
GRYPHAEA ANGULATA	BHC-ALPHA	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	BHC-GAMMA	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	DIELDRIN	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	DDE-PP	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	TDE-PP	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	DDT-PP	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	DDT-OP	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	DDT-TOTAL	X	X	X					X						X				X	2	1	50		72	73				8				X23
GRYPHAEA ANGULATA	PCB'S	X	X	X					X						X				X	2	1	50		72	73				8				X23
LUMBRICUS SPP.	BHC-ALPHA	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	BHC-GAMMA	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	DIELDRIN	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	DDE-PP	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	TDE-PP	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	DDT-PP	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	DDT-OP	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	DDT-TOTAL	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	PCB'S	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	MERCURY-INORGA	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212

DATE 771208 INSTITUTE(486) INSTITUTO DE QUIMICA ORGANICA GENERAL
JUAN DE LA CIERVA 3
MADRID-2
SPAIN

PROJECT(818) - CONTAMINACION LITORAL POR HIDROCARBUROS CLORADOS DATA VALID AS OF 10/02/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LUMBRICUS SPP.	MERCURY-ORGANI	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
LUMBRICUS SPP.	MERCURY-TOTAL	X		X					X									X		20	1	100	X	69	75			X				SPAIN	212
MYTILUS EDULIS	BHC-ALPHA	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANERN SE	233
MYTILUS EDULIS	BHC-GAMMA	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	DIELDRIN	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	DDE-PP	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	TDE-PP	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	DDT-PP	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	DDT-OP	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	DDT-TOTAL	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
MYTILUS EDULIS	PCB'S	X	X	X					X						X					1	1	100	X	70	70			X				MEDITERRANEAN SE	233
PALAEMON SERRATUS	BHC-ALPHA	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	BHC-GAMMA	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	DIELDRIN	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	DDE-PP	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	TDE-PP	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	DDT-PP	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	DDT-OP	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	DDT-TOTAL	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
PALAEMON SERRATUS	PCB'S	X	X	X					X						X				X	3	1	50		72	73			X				MEDITERRANEAN SE	232
SARDINA PILCHARDUS	BHC-ALPHA	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	BHC-GAMMA	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	DIELDRIN	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	DDE-PP	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	TDE-PP	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	DDT-PP	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	DDT-OP	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	DDT-TOTAL	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SARDINA PILCHARDUS	PCB'S	X	X	X					X							X			X	3	1	60		70	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	BHC-ALPHA	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	BHC-ALPHA	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	BHC-GAMMA	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	BHC-GAMMA	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DIELDRIN	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DIELDRIN	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDE-PP	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDE-PP	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	TDE-PP	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	TDE-PP	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDT-PP	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDT-PP	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDT-OP	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDT-OP	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDT-TOTAL	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	DDT-TOTAL	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	PCB'S	X	X	X	X	X			X						X					1	1	5		68	68			X				MEDITERRANEAN SE	233
SQUALUS ACANTHIAS	PCB'S	X	X	X	X	X			X						X					1	1	5		73	73			X				MEDITERRANEAN SE	233
TAPES DECUSSATUS	BHC-ALPHA	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	BHC-GAMMA	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	DIELDRIN	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	DDE-PP	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	TDE-PP	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	DDT-PP	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	DDT-OP	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	DDT-TOTAL	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
TAPES DECUSSATUS	PCB'S	X	X	X					X						X				X	2	1	50		72	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	BHC-ALPHA	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	BHC-GAMMA	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	DIELDRIN	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	DDE-PP	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	TDE-PP	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	DDT-PP	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	DDT-OP	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	DDT-TOTAL	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232
VENUS GALLINA	PCB'S	X	X	X					X						X				X	2	1	50		73	73			X				MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

REVISTA DE AGROQUIMICA Y TECNOLOGIA DE ALIMENTOS ETC.

DATE 771208 INSTITUTE(495) INSTITUTET FOR VATTEN-OCH LUFTVARDSFORSKNING SWEDEN
P.O. BOX 5207
S-40224 GOTHENBURG

PROJECT(009) - TOXIC EFFECTS OF CHLORINATED HYDROCARBONS/HEAVY METALS DATA VALID AS OF 01/04/75

LEADER DR. RUTGER ROSENBERG TELEPHONE 031/810280 TELEX/CABLE 21400

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	04/70	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

ACUTE TOXIC EFFECTS OF CHLORINATED HYDROCARBONS, FORMED AS A BY-PRODUCT FROM VINYL CHLORIDE PRODUCTION, HAVE BEEN EXAMINED BY EXPERIMENTS WITH FISH, SHRIMP AND POLYCAELE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BALANUS BALANOIDES	HALOGENATED AL	X				X	X								X									71	71			X	X			NORTH SEA(INCL.S	232
CALLINECTES SAPIDUS	CADMIUM	X				X	X								X									74	74			X	X			CARIBBEAN SEA AN	223
CRANGON CRANGON	HALOGENATED AL	X		X			X								X									72	73			X	X			NORTH SEA(INCL.S	232
GADUS MORHUA	HALOGENATED AL	X		X			X								X									72	73			X	X			NORTH SEA(INCL.S	232
LEANDER ADSPERSUS	HALOGENATED AL	X					X								X									71	71			X	X			NORTH SEA(INCL.S	232
MYTILUS EDULIS	HALOGENATED AL	X					X								X									71	71			X	X			NORTH SEA(INCL.S	232
OPHIURA TEXTURATA	HALOGENATED AL	X					X								X									71	71			X	X			NORTH SEA(INCL.S	232
OPHRYOTROCHA LABRON	HALOGENATED AL	X				X	X										X							72	73			X	X			MEDITERRANEAN SE	230
PLEURONECTES PLATES	HALOGENATED AL	X					X								X									71	71			X	X			NORTH SEA(INCL.S	232
RHITHROPANOPEUS HAR	CADMIUM	X				X	X								X									74	74			X	X			CARIBBEAN SEA AN	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(507) SWISS FEDERAL RESEARCH STATION FOR AGRICULTURAL CHEMISTRY AND HYGIENE OF THE ENVIRONMENT SWITZERLAND
SCHWARZENBOURGSTRASSE 153
3097 LIEBEFELD, BERN

PROJECT(068) - ECHANTILLONNAGE ET ANALYSE DES RESIDUS DANS LA FAUNE SAUVAGE DATA VALID AS OF 03/02/77

LEADER DR.E.BOVAY TELEPHONE 031-530037 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/74	/76

SUB-PROGRAMME OF OECD

PURPOSE OF PROJECT

DETERMINATION DES RESIDUES DE POLLUANTS DE L'ENVIRONNEMENT (COMPOSES ORGANO-CHLORES, METAUX LOURDS) DANS DES ECHANTILLONS DE MILIEU TERRESTRE (ETOURNEAUX) ET DE MILIEU LACUSTRE (PERCHE)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FRQZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PERCA FLUVIATILIS	BHC-ALPHA	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	BHC-GAMMA	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	DIELDRIN	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	DDE-PP	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	TDE-PP	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	DDT-PP	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	PCB'S	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	MERCURY-TOTAL	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	COPPER	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	ZINC	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	CADMIUM	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
PERCA FLUVIATILIS	LEAD	X	X	X	X	X			X							X			X	2	1	50		73	75		X					SWITZERLAND	211
STURNUS VULGARIS	BHC-ALPHA	X		X	X				X						X					2	1	50		73	75		X					SWITZERLAND	
STURNUS VULGARIS	BHC-GAMMA	X		X	X				X						X					2	1	50		73	75		X					SWITZERLAND	
STURNUS VULGARIS	DIELDRIN	X		X	X				X						X					2	1	50		73	75		X					SWITZERLAND	
STURNUS VULGARIS	DDE-PP	X		X	X				X						X					2	1	50		73	75		X					SWITZERLAND	
STURNUS VULGARIS	PCB'S	X		X	X				X						X					2	1	50		73	75		X					SWITZERLAND	
STURNUS VULGARIS	HEXACHLORBENZE			X	X				X						X					2	1	50		73	75		X					SWITZERLAND	

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

P.O. BOX 343, JINJA

PROJECT(C67) - BASELINE STUDIES ON COPPER POLLUTION DATA VALID AS OF 20/06/77

LEADER BUGENYI F.,OPOBOR J.P. TELEPHONE 20484 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 12000 US DOLLAR EQUIVALENT - STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO STUDY POLLUTION LOADS OF COPPER IN DIFFERENT SPECIES OF FISH & OTHER BIOLOGICAL MATERIALS IN THE LAKES OF W/UGANDA-GEORGE, IDDI AMIN AND KAZINGA CHANNEL AS A RESULT OF THE COPPER MINE AT KILEMBE, KASESE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	NAT COD
BAGRUS SPP.	COPPER		X	X							X					X			X	8	3	77	X	76			X						211
CLARIAS SPP.	COPPER		X	X							X					X			X	8	3	78	X	76			X						211
PROTOPTERUS SPP.	COPPER		X	X							X					X			X	8	3	68	X	76			X						211
SAROTHERODON(=TILAP	COPPER		X	X								X				X			X	8	3	900	X	76			X						211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

THE AFRICAN JOURNAL OF TROPICAL HYDROB.&FISHERIES

DATE 771208 INSTITUTE(522) INSTITUTE FOR MARINE ENVIRONMENTAL RESEARCH UNITED KINGDOM

NATURAL ENVIRONMENT RESEARCH COUNCIL
13/14 ST. JAMES' TERRACE
CITADEL ROAD
PLYMOUTH PL1 3DH

PROJECT(004) - HEAVY METAL ACCUMULATION IN BROWN ALGAE DATA VALID AS OF 12/12/74

LEADER A.W. MORRIS TELEPHONE 075220681 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/73	12/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO EXAMINE THE ACCUMULATION OF ELEMENTS, PARTICULARLY HEAVY METALS, IN BROWN ALGAE IN RELATION TO MEASURED ENVIRONMENTAL CONDITIONS IN ORDER TO ASSESS THEIR USE AS INDICATORS OF HEAVY METAL LEVELS IN NATURAL WATERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMPS	INHBS	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASCOPHYLLUM SPP.	COPPER	X							X						X					10	1	10	X	74	75	X	X					IRISH SEA	223
ASCOPHYLLUM SPP.	ZINC	X							X						X					10	1	10	X	74	75	X	X					IRISH SEA	223
ASCOPHYLLUM SPP.	CADMIUM	X							X						X					10	1	10	X	74	75	X	X					IRISH SEA	223
ASCOPHYLLUM SPP.	LEAD	X							X						X					10	1	10	X	74	75	X	X					IRISH SEA	223
FUCUS VESICULOSUS	COPPER	X							X						X					23	1	400	X	74	75	X	X					IRISH SEA	223
FUCUS VESICULOSUS	ZINC	X							X						X					23	1	400	X	74	75	X	X					IRISH SEA	223
FUCUS VESICULOSUS	CADMIUM	X							X						X					23	1	400	X	74	75	X	X					IRISH SEA	223
FUCUS VESICULOSUS	LEAD	X							X						X					23	1	400	X	74	75	X	X					IRISH SEA	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(523) INSTITUTE FOR MARINE ENVIRONMENTAL RESEARCH UNITED KINGDOM

NATURAL ENVIRONMENT RESEARCH COUNCIL
OCEANOGRAPHIC LABORATORY
78 CRAIGHALL ROAD
EDINBURGH, EH6 4RQ

PROJECT(014) - OCEAN PLANKTON MODELLING EXPERIMENT DATA VALID AS OF 08/04/75

LEADER R. WILLIAMS TELEPHONE 0315224259 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/71	12/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO MEASURE ASPECTS OF PRIMARY AND SECONDARY PRODUCTION AND ASSOCIATED PHYSICO-CHEMICAL VARIABLES AT OCEAN WEATHER STATIONS IN THE NORTH ATLANTIC AND TO DEVELOP A SYSTEM MODEL.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				H	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
		CALBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP				SIMWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
PLANKTCN-ZOO	DIELDRIN	X						X				X			X					1	6	6	X	71	75	X						NORTH ATLANTIC	O 233
PLANKTON-ZOO	DDE-PP	X						X				X			X					1	6	6	X	71	75	X						NORTH ATLANTIC	O 233
PLANKTCN-ZOO	TDE-PP	X						X				X			X					1	6	6	X	71	75	X						NORTH ATLANTIC	O 233
PLANKTON-ZOO	DDT-PP	X						X				X			X					1	6	6	X	71	75	X						NORTH ATLANTIC	O 233
PLANKTON-ZOO	DDT-TOTAL	X						X				X			X					1	6	6	X	71	75	X						NORTH ATLANTIC	O 233
PLANKTCN-ZOO	PCB'S	X						X				X			X					1	6	6	X	71	75	X						NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(525) BRITISH ANTARCTIC SURVEY UNITED KINGDOM
LIFE SCIENCE DIVISION
MONK'S WOOD EXPERIMENTAL STATION
ABBOTS RIPTON,HUNTINGDON

PROJECT(102) - ANALYSES OF ANTARTIC OCEAN DATA VALID AS OF 02/06/75

LEADER DR.INIGO EVERSON TELEPHONE 381 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /74 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT HAS AN INSPECTION/REGULATORY FUNCTION

PURPOSE OF PROJECT

SOURCE/DISTRIBUTION OF HYDROCARBONS IN MARINE ENVIRONMENT AT SOUTH GEORGIA DETERMINATIONS OF OTHER POLLUTANTS BOTH THERE & AT OTHER ANTARCTIC LOCALITIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
APTENODYTES PATAGON	DDE-PP	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
APTENODYTES PATAGON	DDT-TOTAL	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
APTENODYTES PATAGON	PCB'S	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
APTENODYTES PATAGON	MERCURY-ORGANI	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
APTENODYTES PATAGON	CADMIUM	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
APTENODYTES PATAGON	LEAD	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
ARCTOCEPHALUS GAZEL	DDE-PP	X	X						X						X					1	1	10		72			X					ANTARCTIC SEAS	232
ARCTOCEPHALUS GAZEL	DDT-TOTAL	X	X						X						X					1	1	10		72			X					ANTARCTIC SEAS	232
ARCTOCEPHALUS GAZEL	PCB'S	X	X						X						X					1	1	10		72			X					ANTARCTIC SEAS	232
ARCTOCEPHALUS GAZEL	MERCURY-ORGANI	X	X						X						X					1	1	10		72			X					ANTARCTIC SEAS	232
ARCTOCEPHALUS GAZEL	CADMIUM	X	X						X						X					1	1	10		72			X					ANTARCTIC SEAS	232
ARCTOCEPHALUS GAZEL	LEAD	X	X						X						X					1	1	10		72			X					ANTARCTIC SEAS	232
CHLANIDOTA DENISCUL	PHYTANE	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
CHLANIDOTA DENISCUL	PRISTANE	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
CHLANIDOTA DENISCUL	ALKANES-N-TOTA	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
DIPLASTERIAS MERIDI	PHYTANE	X		X					X						X					3	1			74			X					ANTARCTIC SEAS	232
DIPLASTERIAS MERIDI	PRISTANE	X		X					X						X					3	1			74			X					ANTARCTIC SEAS	232
DIPLASTERIAS MERIDI	ALKANES-N-TOTA	X		X					X						X					3	1			74			X					ANTARCTIC SEAS	232
LINEUS CORRUGATUS	PHYTANE	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
LINEUS CORRUGATUS	PRISTANE	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
LINEUS CORRUGATUS	ALKANES-N-TOTA	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
MIROUNGA LEONINA	DDE-PP	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
MIROUNGA LEONINA	DDT-TOTAL	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
MIROUNGA LEONINA	PCB'S	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
MIROUNGA LEONINA	MERCURY-ORGANI	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
MIROUNGA LEONINA	CADMIUM	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
MIROUNGA LEONINA	LEAD	X	X						X						X					1	1	5		72			X					ANTARCTIC SEAS	232
NOTOTHENIA ROSSII	PHYTANE	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
NOTOTHENIA ROSSII	PRISTANE	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
NOTOTHENIA ROSSII	ALKANES-N-TOTA	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
PARACHAENICHTHYS GE	PHYTANE	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
PARACHAENICHTHYS GE	PRISTANE	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
PARACHAENICHTHYS GE	ALKANES-N-TOTA	X		X					X						X					2	1			74			X					ANTARCTIC SEAS	232
PHILINE ALATA	PHYTANE	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
PHILINE ALATA	PRISTANE	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
PHILINE ALATA	ALKANES-N-TOTA	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
YOLDIA EICHTSI	PHYTANE	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
YOLDIA EICHTSI	PRISTANE	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232
YOLDIA EICHTSI	ALKANES-N-TOTA	X		X					X						X					1	1			74			X					ANTARCTIC SEAS	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DEPARTMENT OF GEOLOGY
IMPERIAL COLLEGE
PRINCE CCNSORT ROAD
LONDON SW7 2BP

PROJECT(028) - GEOCHEMICAL INVESTIGATION RELATING TO FISHERIES PROBLEMS DATA VALID AS OF /04/77

LEADER PROF.J.S.WEBB & DR.I.THORN TELEPHONE 5895111 TELEX/CABLE 261503

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/72
OPERATICNAL	/72	/76

SUB-PROGRAMME OF STUDY VETED BY MAFF

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

BASELINE DATA ON HEAVY METALS IN ESTUARINE SYSTEM,ACCUMULATION BY SHELLFISH & IMPACT ON HATCHERIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATICN METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CRASSOSTREA GIGAS G	COPPER	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
CRASSOSTREA GIGAS G	ZINC	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
CRASSOSTREA GIGAS G	CADMIUM	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
CRASSOSTREA GIGAS G	ARSENIC		X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
CRASSOSTREA GIGAS G	LEAD	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
MYTILUS EDULIS	COPPER	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
MYTILUS EDULIS	ZINC	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
MYTILUS EDULIS	CADMIUM	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
MYTILUS EDULIS	ARSENIC		X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
MYTILUS EDULIS	LEAD	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
OSTREA EDULIS	COPPER	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
OSTREA EDULIS	ZINC	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
OSTREA EDULIS	CADMIUM	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
OSTREA EDULIS	ARSENIC		X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223
OSTREA EDULIS	LEAD	X	X	X					X						X		X			5	12	320	X	72	74							ENGLISH CHANNEL	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

THE SCIENCE OF THE TOTAL ENVIRONMENT,4:325-345 ETC.

DATE 771208 INSTITUTE(532) DEPARTMENT OF ZOOLOGY UNITED KINGDOM

UNIVERSITY OF NEWCASTLE UPON TYNE
NEWCASTLE UPON TYNE, NE1 7RU

PROJECT(D36) - INVESTIGATION OF METAL TOLERANCE IN ASELLUS MERIDIANUS DATA VALID AS OF 27/07/77

LEADER BROWN B.E. TELEPHONE 28511-2666 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 2000 US DOLLAR EQUIVALENT - STAFF OF 1

PROJECT STATUS	START DATE	END DATE
PLANNING	10/75	/
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DEFINE THE MECHANISM/S OF TOLERANCE TO CU AND PB IN ASELLUS MERIDIANUS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER
ASELLUS MERIDIANUS	COPPER	X	X	X		X					X			
ASELLUS MERIDIANUS	LEAD	X	X	X		X					X			

HOST SUBSTANCE	CONTAMINANT	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER
ASELLUS MERIDIANUS	COPPER	X					3	4	12	X
ASELLUS MERIDIANUS	LEAD	X					3	4	12	X

HOST SUBSTANCE	CONTAMINANT	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASELLUS MERIDIANUS	COPPER	75				X	X		X	UNITED KINGDOM	212
ASELLUS MERIDIANUS	LEAD	75				X	X		X	UNITED KINGDOM	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

HYDROBIOLOGIA, WATER RESEARCH, FRESHWATER BIOLOGY

DATE 771208 INSTITUTE(536) UNIVERSITY OF LANCASTER UNITED KINGDOM
LANCASHIRE & WESTERN SEA FISHERY JOINT COMMITTEE
BIOLOGICAL SCIENCES FIELD STATION
BAILRIGG,LANCASTER LA1 4XY

PROJECT(B19) - MONITORING OF TRACE METALS IN LITTORAL ALGAE DATA VALID AS OF 10/02/76

LEADER CHRISTOPHER M.G.VIVIAN TELEPHONE 68745 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/77
OPERATIONAL	/77	CONTINUING

PURPOSE OF PROJECT

TRACE METAL CONCENTRATIONS WILL BE DETERMINED IN FUCUS SPP. AS AN INDICATION OF TRACE METALS LEVELS IN IRISH SEA COASTAL WATER

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NG1	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOAS-SAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FUCUS SPP.	MERCURY-TOTAL	X							X						X					25	2	2		77			X					IRISH SEA	232
FUCUS SPP.	COPPER	X							X						X					25	2	2		77			X					IRISH SEA	232
FUCUS SPP.	ZINC	X							X						X					25	2	2		77			X					IRISH SEA	232
FUCUS SPP.	CADMIUM	X							X						X					25	2	2		77			X					IRISH SEA	232
FUCUS SPP.	LEAD	X							X						X					25	2	2		77			X					IRISH SEA	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

LANCASHIRE&W/SEA FISHERIES JOINT COMM.ANNUAL SCIENTIFIC REPORTS

DATE 771208 INSTITUTE(538) FORTH POLLUTION RESEARCH UNITED KINGDOM

DEPARTMENT OF BIOLOGICAL SCIENCE
NAPIER COLLEGE OF SCIENCE AND TECHNOLOGY
COLINTON ROAD
EDINBURGH EH10 5DT

PROJECT(C16) - EFFECTS OF EDINBURGH SEWAGE SCHEME DATA VALID AS OF 09/03/77

LEADER ANDERSON K.J. TELEPHONE 0314477070 TELEX/CABLE

FUNDING - NATIONAL CURRENCY 15000 US DOLLAR EQUIVALENT - STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	02/72	02/73
OPERATIONAL	03/73	03/80

PURPOSE OF PROJECT

TO INVESTIGATE THE INFLUENCE OF EDINBURGH CITY SEWAGE SCHEME ON THE ECOLOGY OF THE FIRTH OF FORTH

DETAILS OF DATA COLLECTION/STORAGE

```
HOST SUBSTANCE      CONTAMINANT     C SAMPLE    PRESERVATION      SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC       WAT
                                    A DESCRPTN METHOD             ORIGIN  U STNS FREQ  /YEAR I              SAYS   AREA             COD
                                    L  L W A D N I P S D P A O    F C A O M                  M YR YR C I P   T P O
                                    B  E E G E C C R A B O L T    I O Q T C                  W ST EN O N U   O D T
                                    R  N I E V T E O L I R C H    E M C H O                  A       M H B   X C H
                                    T  G G   S   D Z T E M O E    L R L E N                  T       P S L   C H B
                                    D  T H   T     E E D L H R    D C T R S                  E         E S   T N I
                                       H T   G     N D   M L        L R   P                  R           H   Y   O
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MYTILUS EDULIS      MERCURY-TOTAL      X          X               X          6   12    360 X 77       X             NORTH SEA(INCL.S 223
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JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE POLLUTION BULLETIN-JOURNAL OF APPLIED ECOLOGY ETC.

DATE 771208 INSTITUTE(539)

SCOTLAND DEPARTMENT OF AGRICULTURE
MARINE LABORATORY
P.O. BOX 101, VICTORIA ROAD
ABERDEEN, AB9 8DB

UNITED KINGDOM

PROJECT(055) - BASE-LINE STUDIES OF THE POLLUTION IN THE NORTH SEA DATA VALID AS OF 04/06/75

LEADER A.D. MCINTYRE & G. TOPPING TELEPHONE 29944 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/	CONTINUING

SUB-PROGRAMME OF ICES

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

ASSESS INPUT & FATE OF POLLUTION IN THE NORTH SEA AND ITS EFFECT ON THE SEA RESOURCES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA CLBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CLUPEA HARENGUS	DIELDRIN				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDE-PP				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	TDE-PP				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-PP				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-OP				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	DDT-TOTAL				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	PCB'S				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	MERCURY-TOTAL				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	COPPER				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	ZINC				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	CADMIUM				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
CLUPEA HARENGUS	LEAD				X				X						X	X			X	5	1	10		72	72			X				NORTH SEA(INCL.S	233
GADUS MORHUA	DIELDRIN				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	DDE-PP				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	TDE-PP				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-PP				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-OP				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	DDT-TOTAL				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	PCB'S				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	MERCURY-TOTAL				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	COPPER				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	ZINC				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	CADMIUM				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
GADUS MORHUA	LEAD				X				X						X	X			X	6	1	10		72	72			X		X		NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DIELDRIN				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDE-PP				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	TDE-PP				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-PP				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-OP				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	DDT-TOTAL				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	PCB'S				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	MERCURY-TOTAL				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	COPPER				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ZINC				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	CADMIUM				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233
PLEURONECTES PLATES	LEAD				X				X						X	X			X	6	1	10		72	72			X				NORTH SEA(INCL.S	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(540) BIOLOGICAL SCIENCES THE UNIVERSITY DUNDEE DD1 4HN UNITED KINGDOM

PROJECT(027) - BIOLOGICAL MONITORING OF SCAPA FLOW AND ITS APPROACHES DATA VALID AS OF 28/04/75

LEADER DR. ALLAN M. JONES TELEPHONE 23181 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	03/74	06/74
OPERATIONAL	06/74	CONTINUING

PURPOSE OF PROJECT

DETECT LONGTERM TRENDS IN THE NATURE OF LITTORAL POPULATIONS IN AN AREA OF POTENTIAL OIL SPILLAGE, EVALUATE THESE TRENDS IN TERMS OF THE EFFECTIVENESS OF ANTI-POLLUTION MEASURES TAKEN BY THE AUTHORITIES IN THAT AREA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMRCL	AQUACLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CANCER PAGURUS	MERCURY-TOTAL	X		X					X						X	X				2	1	6		73								NORTH SEA(INCL.S	232
CANCER PAGURUS	CADMIUM			X					X						X	X				2	1	6		73								NORTH SEA(INCL.S	232
HOMARUS GAMMARUS	MERCURY-TOTAL	X		X					X						X	X			X	3	1	6		73								NORTH SEA(INCL.S	232
HOMARUS GAMMARUS	CADMIUM			X					X						X	X			X	3	1	6		73								NORTH SEA(INCL.S	232
LITTORINA LITTOREA	MERCURY-TOTAL	X	X						X						X					4	1	6		73								NORTH SEA(INCL.S	232
LITTORINA LITTOREA	CADMIUM		X						X						X					4	1	6		73								NORTH SEA(INCL.S	232
MYTILUS EDULIS	MERCURY-TOTAL	X	X						X						X					2	1	6		73								NORTH SEA(INCL.S	232
MYTILUS EDULIS	CADMIUM		X						X						X					2	1	6		73								NORTH SEA(INCL.S	232
PATELLA VULGATA	MERCURY-TOTAL	X	X						X						X					4	1	6		73								NORTH SEA(INCL.S	232
PATELLA VULGATA	CADMIUM		X						X						X					4	1	6		73								NORTH SEA(INCL.S	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(543) INSTITUTE OF TERRESTRIAL ECOLOGY UNITED KINGDOM
MONKS WOOD EXPERIMENTAL STATION
ABBOTS RIPTON
HUNTINGDON,CAMBRIDGE PE17 2CS

PROJECT(E02) - CHEMISTRY OF AQUATIC POLLUTANTS DATA VALID AS OF 03/03/77

LEADER K.R.BULL TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY 20000 US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO IDENTIFY & QUANTIFY, LEAD, CADMIUM, ZINC, THE CHEMICAL & PHYSICAL STATES OF POLLUTANTS. TO INVESTIGATE, LEAD, CADMIUM, ZINC, THE EFFECT OF CHEMICAL STATE ON ACCUMULATION. TO MEASURE RESIDUES OF POLLUTANTS, IN SEA WATER, SUB-STRATA & AQUATIC ORGANISMS

DETAILS OF DATA COLLECTION/STORAGE

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HOST SUBSTANCE      CONTAMINANT    C SAMPLE   PRESERVATION      SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC        WAT
                                   A DESCRPTN METHOD            ORIGIN  U STNS FREQ  /YEAR I              SAYS   AREA              COD
                                   L  L W A D N I F S D F A O   F C A O M                  M YR YR C I P   T F O
                                   B  E E G E O C R A R O L T   I O Q T C                  W ST EN O N U   O D T
                                   R  N I E V T E O L I R C H   E M C H O                  A       M H B   X C H
                                   T  G G   S   D Z T E M O E   L R L E N                  T       P S L   C H B
                                   D  T H   T     E E D L H R   D C T R S                  E         E S   T N I
                                      H T   G     N D   N L       L R   P                  R           B   Y   O
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JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(545) MINISTRY OF AGRICULTURE, FISHERIES AND FOOD UNITED KINGDOM
FISHERIES LABORATORY
LOWESTOFT, SUFFOLK NR33 OHT

PROJECT(126) - MONITORING OF MARINE AREAS WITHIN THE UK SPHERE OF INTEREST DATA VALID AS OF 04/07/75

LEADER A. PRESTON TELEPHONE 05024251 TELEX/CABLE 97470

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/60	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MONITORING OF FISH AND SHELLFISH QUALITY TO ASSESS THE LEVEL OF EXPOSURE TO A POLLUTANT OF EITHER MAN OR SPECIFIED ELEMENTS OF THE MARINE RESOURCE WITH A VIEW TO EXERCISING CONTROL WHERE NECESSARY.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	BHC-ALPHA		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	BHC-GAMMA		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	DIELDRIN		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	DDE-PP		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	TDE-PP		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	DDT-PP		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	DDT-OP		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	DDT-TOTAL		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I			X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	PCB'S		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	ALKANES-N-TOTA		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	HYDROCARBONS-A		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	HYDROCARBONS-P		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	MERCURY-TOTAL		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	COPPER		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	ZINC		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	CHROMIUM		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	CADMIUM		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	ARSENIC		X	X					X						X	X			X	30	2	40	X	68			X	X	X			NORTH SEA(INCL.S	223
FISHES-MARINE N.E.I	BHC-ALPHA		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	BHC-GAMMA		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	DIELDRIN		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	DDE-PP		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	TDE-PP		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	DDT-PP		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	DDT-OP		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	DDT-TOTAL		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I			X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	PCB'S		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	ALKANES-N-TOTA		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	HYDROCARBONS-A		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	HYDROCARBONS-P		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	MERCURY-TOTAL		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	COPPER		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	ZINC		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	CHROMIUM		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	CADMIUM		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	ARSENIC		X	X					X						X	X			X	30	2	40	X	68			X	X				IRISH SEA	232
FISHES-MARINE N.E.I	BHC-ALPHA		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	BHC-GAMMA		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	DIELDRIN		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	DDE-PP		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	TDE-PP		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	DDT-PP		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	DDT-OP		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	DDT-TOTAL		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I			X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	PCB'S		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	ALKANES-N-TOTA		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	HYDROCARBONS-A		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	HYDROCARBONS-P		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	MERCURY-TOTAL		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	COPPER		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	ZINC		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	CHROMIUM		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	CADMIUM		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	ARSENIC		X	X					X						X	X			X	30	2	40	X	68			X	X				ENGLISH CHANNEL	233
MOLLUSCS-MARINE N.E	DISEASES						X	X							X	X	X		X	30	200	1000	X	60			X	X					233
MOLLUSCS-MARINE N.E	BACTERIA						X	X							X	X	X		X	30	200	1000	X	60			X	X					233
MOLLUSCS-MARINE N.E	OTHER MICROORG						X	X							X	X	X		X	30	200	1000	X	60			X	X					233
MOLLUSCS-MARINE N.E	BIOTOXINS						X	X							X	X	X		X	30	200	1000	X	60			X	X					233
MOLLUSCS-MARINE N.E	DISEASES						X	X							X	X	X		X	30	200	150		68			X	X	X			NORTH SEA(INCL.S	223
MOLLUSCS-MARINE N.E	BACTERIA						X	X							X	X	X		X	30	200	150		68			X	X	X			NORTH SEA(INCL.S	223
MOLLUSCS-MARINE N.E	OTHER MICROORG						X	X							X	X	X		X	30	200	150		68			X	X	X			NORTH SEA(INCL.S	223

FISHERIES LABORATORY
LOWESTOFT, SUFFOLK NR33 OHT

PROJECT(126) - MONITORING OF MARINE AREAS WITHIN THE UK SPHERE OF INTEREST DATA VALID AS OF 04/07/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MOLLUSCS-MARINE N.E	BIOTOXINS						X	X							X	X	X		X	30	200	150		68			X	X	X			NORTH SEA(INCL.S	223
MOLLUSCS-MARINE N.E	DISEASES						X	X							X	X	X		X	30	200	1000	X	60			X	X				IRISH SEA	230
MOLLUSCS-MARINE N.E	BACTERIA						X	X							X	X	X		X	30	200	1000	X	60			X	X				IRISH SEA	230
MOLLUSCS-MARINE N.E	OTHER MICROORG						X	X							X	X	X		X	30	200	1000	X	60			X	X				IRISH SEA	230
MOLLUSCS-MARINE N.E	BIOTOXINS						X	X							X	X	X		X	30	200	1000	X	60			X	X				IRISH SEA	230
MOLLUSCS-MARINE N.E	DISEASES						X	X							X	X	X		X	30	200	1000	X	60			X	X				ENGLISH CHANNEL	232
MOLLUSCS-MARINE N.E	BACTERIA						X	X							X	X	X		X	30	200	1000	X	60			X	X				ENGLISH CHANNEL	232
MOLLUSCS-MARINE N.E	OTHER MICROORG						X	X							X	X	X		X	30	200	1000	X	60			X	X				ENGLISH CHANNEL	232
MOLLUSCS-MARINE N.E	BIOTOXINS						X	X							X	X	X		X	30	200	1000	X	60			X	X				ENGLISH CHANNEL	232
SHELLFISH N.E.I.	BHC-ALPHA			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	BHC-GAMMA			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	DIELDRIN			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	DDE-PP			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	TDE-PP			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	DDT-PP			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	DDT-OP			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	DDT-TOTAL			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.				X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	PCB'S			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	ALKANES-N-TOTA			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	HYDROCARBONS-A			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	HYDROCARBONS-P			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	MERCURY-TOTAL			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	COPPER			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	ZINC			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	CHROMIUM			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	CADMIUM			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	ARSENIC			X					X						X	X			X	20	2	30		70			X	X	X			NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	LEAD			X					X						X	X			X	20	2	30		70			X	X				NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	BHC-ALPHA			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	BHC-GAMMA			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	DIELDRIN			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	DDE-PP			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	TDE-PP			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	DDT-PP			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	DDT-OP			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	DDT-TOTAL			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.				X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	PCB'S			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	ALKANES-N-TOTA			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	HYDROCARBONS-A			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	HYDROCARBONS-P			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	MERCURY-TOTAL			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	COPPER			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	ZINC			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	CHROMIUM			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	CADMIUM			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	ARSENIC			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	LEAD			X					X						X	X			X	20	2	30		70			X	X				IRISH SEA	232
SHELLFISH N.E.I.	BHC-ALPHA			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	BHC-GAMMA			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	DIELDRIN			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	DDE-PP			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	TDE-PP			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	DDT-PP			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	DDT-OP			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	DDT-TOTAL			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.				X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	PCB'S			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	ALKANES-N-TOTA			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	HYDROCARBONS-A			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	HYDROCARBONS-P			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	MERCURY-TOTAL			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	COPPER			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	ZINC			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	CHROMIUM			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	CADMIUM			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	ARSENIC			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	
SHELLFISH N.E.I.	LEAD			X					X						X	X			X	20	2	30		70			X	X				ENGLISH CHANNEL	

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(546) SCHOOL OF CHEMISTRY UNITED KINGDOM
THE UNIVERSITY
BRISTOL BS8 1TS

PROJECT(018) - BASELINE STUDIES ON POLLUTION IN THE SEVERN ESTUARY DATA VALID AS OF 21/03/77

LEADER GRAHAM NICKLESS TELEPHONE 0272-24161 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/70	01/71
OPERATIONAL	01/71	CONTINUING

SUB-PROGRAMME OF 'SABRINA' PROJECT BRISTOL UNIV.

PURPOSE OF PROJECT

TO ASCERTAIN THE POLLUTION LEVELS OF SELECTED CONTAMINANTS PARTICULARLY HEAVY METALS IN DIFFERENT BIOLOGICAL SPECIES IN A PROGRAMME COVERING THE SEVERN ESTUARY AND BRISTOL CHANNEL

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
		LBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER	MCONSP				MWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
LITTORINA LITTOREA	COPPER			X					X						X					10	1	50	X									IRISH SEA	223
LITTORINA LITTOREA	ZINC			X					X						X					10	1	50	X									IRISH SEA	223
LITTORINA LITTOREA	CADMIUM			X					X						X					10	1	50	X									IRISH SEA	223
LITTORINA LITTOREA	LEAD	X		X					X						X					10	1	50	X									IRISH SEA	223
PATELLA VULGATA	COPPER			X					X						X					10	1	50	X									IRISH SEA	223
PATELLA VULGATA	ZINC			X					X						X					10	1	50	X									IRISH SEA	223
PATELLA VULGATA	CADMIUM			X					X						X					10	1	50	X									IRISH SEA	223
PATELLA VULGATA	LEAD	X		X					X						X					10	1	50	X									IRISH SEA	223
THAIS LAPILLUS	COPPER			X					X						X					10	1	50	X									IRISH SEA	223
THAIS LAPILLUS	ZINC			X					X						X					10	1	50	X									IRISH SEA	223
THAIS LAPILLUS	CADMIUM			X					X						X					10	1	50	X									IRISH SEA	223
THAIS LAPILLUS	LEAD	X		X					X						X					10	1	50	X									IRISH SEA	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(550) TORRY RESEARCH STATION
MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
ABERDEEN
UNITED KINGDOM

PROJECT(056) - OIL POLLUTION AND HYDROCARBONS IN MARINE ECOSYSTEM DATA VALID AS OF 22/05/75

LEADER DR. ROY HARDY TELEPHONE 54171 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /71 /
OPERATIONAL /71 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

SURVEY PROJECT TO ESTABLISH BASELINE DATA;ANALYTICAL PROGRAMME; INTERRACTION OF OIL WITH MARINE ORGANISMS;BIOGENESIS AND TRANSFER O F HYDROCARBONS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASTERIAS RUBENS	OIL(BY FLUORES	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
ASTERIAS RUBENS	ALKANES-N-TOTA	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
ASTERIAS RUBENS	HYDROCARBONS-P	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
BUCCINUM UNDATUM	OIL(BY FLUORES	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
BUCCINUM UNDATUM	ALKANES-N-TOTA	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
BUCCINUM UNDATUM	HYDROCARBONS-P	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
CLUPEA HARENGUS	HYDROCARBONS-A	X							X								X			1				75	75					X		NORTH ATLANTIC O	230
CLUPEA HARENGUS	OIL(BY FLUORES	X							X						X					10				72	74							NORTH SEA(INCL.S	233
CLUPEA HARENGUS	ALKANES-N-TOTA	X							X						X					10				72	74							NORTH SEA(INCL.S	233
CRANGON CRANGON	OIL(BY FLUORES	X	X	X					X								X		X	1		100		74	74					X		NORTH ATLANTIC O	230
CRANGON CRANGON	ALKANES-N-TOTA	X	X	X					X								X		X	1		100		74	74					X		NORTH ATLANTIC O	230
GADUS MORHUA	ALKANES-N-TOTA	X	X	X					X								X			1	1	50		72	73			X		X		NORTH ATLANTIC O	230
GADUS MORHUA	OIL(BY FLUORES	X							X						X					12			X	72	74		X	X			X	NORTH SEA(INCL.S	233
GADUS MORHUA	ALKANES-N-TOTA	X							X						X					12			X	72	74		X	X			X	NORTH SEA(INCL.S	233
GADUS MORHUA	HYDROCARBONS-P	X							X						X					12			X	72	74		X	X			X	NORTH SEA(INCL.S	233
NEPHROPS NORVEGICUS	OIL(BY FLUORES	X	X	X					X								X		X	1		500		74	74					X		NORTH ATLANTIC O	230
NEPHROPS NORVEGICUS	ALKANES-N-TOTA	X	X	X					X								X		X	1		500		74	74					X		NORTH ATLANTIC O	230
NOTOTHENIA ROSSII	OIL(BY FLUORES	X							X						X					2			X	74	74						X	ANTARCTIC SEAS	223
NOTOTHENIA ROSSII	ALKANES-N-TOTA	X							X						X					2			X	74	74						X	ANTARCTIC SEAS	223
NOTOTHENIA ROSSII	HYDROCARBONS-P	X							X						X					2			X	74	74						X	ANTARCTIC SEAS	223
PLEURONECTES PLATES	OIL(BY FLUORES	X	X	X					X								X		X	1		25		74	74					X		NORTH ATLANTIC O	230
PLEURONECTES PLATES	ALKANES-N-TOTA	X	X	X					X								X		X	1		25		74	74					X		NORTH ATLANTIC O	230
PLEURONECTES PLATES	OIL(BY FLUORES	X							X						X					12			X	72	74		X					NORTH SEA(INCL.S	233
PLEURONECTES PLATES	ALKANES-N-TOTA	X							X						X					12			X	72	74		X					NORTH SEA(INCL.S	233
PLEURONECTES PLATES	HYDROCARBONS-P	X							X						X					12			X	72	74		X					NORTH SEA(INCL.S	233
PLEURONECTES PLATES	OIL(BY FLUORES	X							X						X					12			X	72	74		X				X	ENGLISH CHANNEL	232
PLEURONECTES PLATES	ALKANES-N-TOTA	X							X						X					12			X	72	74		X				X	ENGLISH CHANNEL	232
PLEURONECTES PLATES	HYDROCARBONS-P	X							X						X					12			X	72	74		X				X	ENGLISH CHANNEL	232
SCOMBER SCOMBRUS	OIL(BY FLUORES	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
SCOMBER SCOMBRUS	ALKANES-N-TOTA	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223
SCOMBER SCOMBRUS	HYDROCARBONS-P	X							X						X					10			X	72	74						X	NORTH SEA(INCL.S	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(552) RADIOBIOLOGICAL LABORATORY AT HAMILTON DOCK UNITED KINGDOM
MINISTRY OF AGRICULTURE, FISH AND FOOD
LOWESTOFT, SUFFOLK NR32 1DA

PROJECT(127) - MONITORING FOR RADIOACTIVITY IN FISH/SHELLFISH STOCKS DATA VALID AS OF 08/07/75

LEADER . J.A. HETHERINGTON/D.F. JEF TELEPHONE 05024381 TELEX/CABLE 97470

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/62	/
OPERATIONAL	01/62	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

MONITORING OF THE CONSEQUENCES OF CONTROLLED RELEASES OF RADIOACTIVE WASTE INTO THE AQUATIC ENVIRONMENT OF THE UK AND RELATED RADIO ECOLOGICAL RESEARCH INTO THE DISTRIBUTION/BEHAVIOUR OF COMPONENT RADIONUCLIDES, IN SUPPORT OF WASTE DISPOSAL CONTROL.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH ATLANTIC O	232
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH ATLANTIC O	233
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH ATLANTIC O	233
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH ATLANTIC O	233
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH ATLANTIC O	233
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH ATLANTIC O	233
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH SEA(INCL.S	232
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH SEA(INCL.S	232
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH SEA(INCL.S	232
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH SEA(INCL.S	232
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X			X	NORTH SEA(INCL.S	232
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH SEA(INCL.S	233
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH SEA(INCL.S	233
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH SEA(INCL.S	233
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH SEA(INCL.S	233
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X				NORTH SEA(INCL.S	233
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X				IRISH SEA	232
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X				IRISH SEA	232
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X				IRISH SEA	232
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X				IRISH SEA	232
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X				IRISH SEA	232
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X			X	IRISH SEA	233
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X			X	IRISH SEA	233
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X			X	IRISH SEA	233
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X			X	IRISH SEA	233
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X			X	IRISH SEA	233
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X				ENGLISH CHANNEL	232
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X				ENGLISH CHANNEL	232
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X				ENGLISH CHANNEL	232
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X				ENGLISH CHANNEL	232
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X				ENGLISH CHANNEL	232
FISHES-MARINE N.E.I	U-238	X									X				X	X			X	25	7	100	X	62		X	X	X			X	ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	SR-90	X									X				X	X			X	25	7	100	X	62		X	X	X			X	ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	CS-137	X									X				X	X			X	25	7	100	X	62		X	X	X			X	ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	BETA ACTIVITY-	X									X				X	X			X	25	7	100	X	62		X	X	X			X	ENGLISH CHANNEL	233
FISHES-MARINE N.E.I	RU-106	X									X				X	X			X	25	7	100	X	62		X	X	X			X	ENGLISH CHANNEL	233
PERCA FLUVIATILIS	U-238	X									X				X				X	2	4	8	X	63		X	X	X			X	UNITED KINGDOM	211
PERCA FLUVIATILIS	SR-90	X									X				X				X	2	4	8	X	63		X	X	X			X	UNITED KINGDOM	211
PERCA FLUVIATILIS	CS-137	X									X				X				X	2	4	8	X	63		X	X	X			X	UNITED KINGDOM	211
PERCA FLUVIATILIS	BETA ACTIVITY-	X									X				X				X	2	4	8	X	63		X	X	X			X	UNITED KINGDOM	211
SALMO TRUTTA	U-238	X									X				X				X	2	12	24	X	63		X	X	X			X	UNITED KINGDOM	211
SALMO TRUTTA	SR-90	X									X				X				X	2	12	24	X	63		X	X	X			X	UNITED KINGDOM	211
SALMO TRUTTA	CS-137	X									X				X				X	2	12	24	X	63		X	X	X			X	UNITED KINGDOM	211
SALMO TRUTTA	BETA ACTIVITY-	X									X				X				X	2	12	24	X	63		X	X	X			X	UNITED KINGDOM	211
SHELLFISH N.E.I.	U-238	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	CS-137	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	CO-60	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	BETA ACTIVITY-	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	ZN-65	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	RU-106	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	ZR-95										X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	223
SHELLFISH N.E.I.	U-238	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	CS-137	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	CO-60	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	BETA ACTIVITY-	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	ZN-65	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	RU-106	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	ZR-95										X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	225
SHELLFISH N.E.I.	U-238	X									X				X	X			X	15	3	40	X	62		X	X	X				NORTH ATLANTIC O	232

PROJECT(127) - MONITORING FOR RADIOACTIVITY IN FISH/SHELLFISH STOCKS DATA VALID AS OF 08/07/75

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	PRESERVATION METHOD D	SAMPLE ORIGIN F	SAMPLE ORIGIN C	H U M C O N P	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I M W A T E R	RAW DATA YR ST	RAW DATA C O M P S	RAW DATA I N H S	RAW DATA P U B L S	BIOASSAYS O T H I O	GEOGRAPHIC AREA	WAT COD
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH ATLANTIC O	232
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH ATLANTIC O	232
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH ATLANTIC O	232
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH ATLANTIC O	232
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH ATLANTIC O	232
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		NORTH ATLANTIC O	232
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH ATLANTIC O	233
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X	X	NORTH SEA(INCL.S	223
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	225
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		NORTH SEA(INCL.S	232
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	223
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X	X	IRISH SEA	225
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		IRISH SEA	232
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	223
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X		ENGLISH CHANNEL	225
SHELLFISH N.E.I.	U-238	X	X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232
SHELLFISH N.E.I.	CS-137	X	X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232
SHELLFISH N.E.I.	CO-60	X	X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232
SHELLFISH N.E.I.	BETA ACTIVITY-	X	X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232
SHELLFISH N.E.I.	ZN-65	X	X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232
SHELLFISH N.E.I.	RU-106	X	X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232
SHELLFISH N.E.I.	ZR-95		X	X	X	X	15	3	40	X	62	X	X	X	X	ENGLISH CHANNEL	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(556) CENTRAL ELECTRICITY GENERATING BOARD UNITED KINGDOM
FAWLEY, HAMPSHIRE

PROJECT(025) - INVESTIGATION ON METAL ACCUMULATION BY AQUATIC ORGANISMS DATA VALID AS OF 21/03/77

LEADER MR.M.H.DAVIS TELEPHONE 893513 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/69	/70
OPERATIONAL	/70	/74

PURPOSE OF PROJECT

TO ASSESS THE EXTENT TO WHICH HEAVY METAL ACCUMULATION BY AQUAT-IC ORGANISMS MAY BE AFFECTED BY COOLING WATER DISCHARGES FROM POW ER STATICNS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCOMSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ANGUILLA ANGUILLA	COPPER	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	212
ANGUILLA ANGUILLA	ZINC	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	212
ANGUILLA ANGUILLA	CADMIUM	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	212
ANGUILLA ANGUILLA	NICKEL	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	212
ANGUILLA ANGUILLA	IRON	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	212
ANGUILLA ANGUILLA	COPPER	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	210
ANGUILLA ANGUILLA	ZINC	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	210
ANGUILLA ANGUILLA	CADMIUM	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	210
ANGUILLA ANGUILLA	NICKEL	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	210
ANGUILLA ANGUILLA	IRON	X	X				X								X		X		X	5	1	48		74	74							UNITED KINGDOM	210
CERASTODERMA EDULE	COPPER	X	X				X								X					6	12	448	X	70	74		X					NORTH SEA(INCL.S	223
CERASTODERMA EDULE	ZINC	X	X				X								X					6	12	448	X	70	74		X					NORTH SEA(INCL.S	223
CERASTODERMA EDULE	CADMIUM	X	X				X								X					6	12	448	X	70	74		X					NORTH SEA(INCL.S	223
CERASTODERMA EDULE	NICKEL	X	X				X								X					6	12	448	X	70	74		X					NORTH SEA(INCL.S	223
CERASTODERMA EDULE	IRON	X	X				X								X					6	12	448	X	70	74		X					NORTH SEA(INCL.S	223
CERASTODERMA EDULE	LEAD	X	X				X								X					6	12	448	X	70	74		X					NORTH SEA(INCL.S	223
CERASTODERMA EDULE	COPPER	X	X				X								X					6	12	448	X	70	74		X					ENGLISH CHANNEL	223
CERASTODERMA EDULE	ZINC	X	X				X								X					6	12	448	X	70	74		X					ENGLISH CHANNEL	223
CERASTODERMA EDULE	CADMIUM	X	X				X								X					6	12	448	X	70	74		X					ENGLISH CHANNEL	223
CERASTODERMA EDULE	NICKEL	X	X				X								X					6	12	448	X	70	74		X					ENGLISH CHANNEL	223
CERASTODERMA EDULE	IRON	X	X				X								X					6	12	448	X	70	74		X					ENGLISH CHANNEL	223
CERASTODERMA EDULE	LEAD	X	X				X								X					6	12	448	X	70	74		X					ENGLISH CHANNEL	223
MERCENARIA MERCENAR	COPPER	X	X		X		X								X				X	7	12	492	X	70	74		X					ENGLISH CHANNEL	223
MERCENARIA MERCENAR	ZINC	X	X		X		X								X				X	7	12	492	X	70	74		X					ENGLISH CHANNEL	223
MERCENARIA MERCENAR	IRON	X	X		X		X								X				X	7	12	492	X	70	74		X					ENGLISH CHANNEL	223
MYTILUS EDULIS	IRON	X		X			X								X					2	2	24		71	74							ENGLISH CHANNEL	223
OSTREA EDULIS	COPPER	X	X												X				X	4	1	120		70	73		X					NORTH SEA(INCL.S	223
OSTREA EDULIS	ZINC	X	X												X				X	4	1	120		70	73		X					NORTH SEA(INCL.S	223
OSTREA EDULIS	IRON	X	X												X				X	4	1	120		70	73		X					NORTH SEA(INCL.S	223
OSTREA EDULIS	COPPER	X	X				X								X				X	4	1	120		70	73		X					ENGLISH CHANNEL	223
OSTREA EDULIS	ZINC	X	X				X								X				X	4	1	120		70	73		X					ENGLISH CHANNEL	223
OSTREA EDULIS	IRON	X	X				X								X				X	4	1	120		70	73		X					ENGLISH CHANNEL	223
PATELLA VULGATA	COPPER	X	X				X								X					4	1	60		73	73			X				IRISH SEA	223
PATELLA VULGATA	ZINC	X	X				X								X					4	1	60		73	73			X				IRISH SEA	223
PATELLA VULGATA	CADMIUM	X	X				X								X					4	1	60		73	73			X				IRISH SEA	223
PATELLA VULGATA	NICKEL	X	X				X								X					4	1	60		73	73			X				IRISH SEA	223
PATELLA VULGATA	IRON	X	X				X								X					4	1	60		73	73			X				IRISH SEA	223
PATELLA VULGATA	LEAD	X	X				X								X					4	1	60		73	73			X				IRISH SEA	223
PATELLA VULGATA	COPPER	X	X				X								X					4	1	60		73	73			X				ENGLISH CHANNEL	223
PATELLA VULGATA	ZINC	X	X				X								X					4	1	60		73	73			X				ENGLISH CHANNEL	223
PATELLA VULGATA	CADMIUM	X	X				X								X					4	1	60		73	73			X				ENGLISH CHANNEL	223
PATELLA VULGATA	NICKEL	X	X				X								X					4	1	60		73	73			X				ENGLISH CHANNEL	223
PATELLA VULGATA	IRON	X	X				X								X					4	1	60		73	73			X				ENGLISH CHANNEL	223
PATELLA VULGATA	LEAD	X	X				X								X					4	1	60		73	73			X				ENGLISH CHANNEL	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD UNITED KINGDOM

RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA

PROJECT(B01) - DATA VALID AS OF 10/03/77

LEADER T.M.LEATHERLAND TELEPHONE 38181 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CP

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATIONAL	/76	CONTINUING

PURPOSE OF PROJECT

INVESTIGATION OF POSSIBLE EFFECT ON LOCAL FISH POPULATIONS OF THE DUMPING OF DREDGED SEDIMENTS CONTAINING RELATIVELY HIGH CONCENTRATIONS OF TRACE METALS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCI	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GADUS MORHUA	COPPER	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
GADUS MORHUA	ZINC	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
GADUS MORHUA	CADMIUM	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
GADUS MORHUA	LEAD	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
GADUS MORHUA	COPPER	X	X	X					X						X				X	1	1	12	X	76			X					IRISH SEA	226
GADUS MORHUA	ZINC	X	X	X					X						X				X	1	1	12	X	76			X					IRISH SEA	226
GADUS MORHUA	CADMIUM	X	X	X					X						X				X	1	1	12	X	76			X					IRISH SEA	226
GADUS MORHUA	LEAD	X	X	X					X						X				X	1	1	12	X	76			X					IRISH SEA	226
MERLANGIUS MERLANGU	COPPER	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
MERLANGIUS MERLANGU	ZINC	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
MERLANGIUS MERLANGU	CADMIUM	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
MERLANGIUS MERLANGU	LEAD	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	COPPER	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	ZINC	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	CADMIUM	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	LEAD	X		X					X						X					1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	COPPER	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	ZINC	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	CADMIUM	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
POLLACHIUS VIRENS	LEAD	X	X	X					X						X				X	1	1	6	X	76			X					IRISH SEA	226
TRISOPTERUS (=GADUS	COPPER	X	X	X					X						X					1	1	12	X	76			X					IRISH SEA	226
TRISOPTERUS (=GADUS	ZINC	X	X	X					X						X					1	1	12	X	76			X					IRISH SEA	226
TRISOPTERUS (=GADUS	CADMIUM	X	X	X					X						X					1	1	12	X	76			X					IRISH SEA	226
TRISOPTERUS (=GADUS	LEAD	X	X	X					X						X					1	1	12	X	76			X					IRISH SEA	226
TRISOPTERUS MINUTUS	COPPER	X	X	X					X						X					1	1	6	X	76			X					IRISH SEA	226
TRISOPTERUS MINUTUS	ZINC	X	X	X					X						X					1	1	6	X	76			X					IRISH SEA	226
TRISOPTERUS MINUTUS	CADMIUM	X	X	X					X						X					1	1	6	X	76			X					IRISH SEA	226
TRISOPTERUS MINUTUS	LEAD	X	X	X					X						X					1	1	6	X	76			X					IRISH SEA	226

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD UNITED KINGDOM

RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 0LA

PROJECT(829) - HEAVY METAL CONTAMINATION IN FRESHWATER FISH DATA VALID AS OF 18/03/77

LEADER G.BEST,J.HUNTER TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - · STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATIONAL	/76	CONTINUING

PURPOSE OF PROJECT

TO DETERMINE THE GENERAL LEVEL OF HEAVY METAL CONTAMINATION IN FRESHWATER FISH IN THE BOARD'S AREA WITH A VIEW TO ASSESSING THE SIGNIFICANCE OF METAL CONCENTRATIONS IN FISH KILLED BY POLLUTION INCIDENTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE		CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQCULTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-FRESHWATER	N	BHC-GAMMA		X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	DIELDRIN		X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	DDT-TOTAL		X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	PCB'S		X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	COPPER	X	X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	ZINC	X	X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	CHROMIUM	X	X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	CADMIUM	X	X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	NICKEL	X	X	X		X			X						X							100		76			X					UNITED KINGDOM	212
FISHES-FRESHWATER	N	LEAD	X	X	X		X			X						X							100		76			X					UNITED KINGDOM	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CLYDE RIVER PURIFICATION BOARD'S TECHNICAL REPORTS

DATE 771208 INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD UNITED KINGDOM

RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA

PROJECT(B30) - HEAVY METAL CONTAMINATION DATA VALID AS OF 18/03/77

LEADER G.BEST TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATIONAL	/76	CONTINUING

PURPOSE OF PROJECT

TO DETERMINE THE ACCUMULATION OF HEAVY METALS IN RIVER SEDIMENTS AND INVERTEBRATES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ERPOBDELLA	COPPER	X		X					X						X					20	6	120	X	76			X					UNITED KINGDOM	212
ERPOBDELLA	ZINC	X		X					X						X					20	6	120	X	76			X					UNITED KINGDOM	212
ERPOBDELLA	CHROMIUM	X		X					X						X					20	6	120	X	76			X					UNITED KINGDOM	212
ERPOBDELLA	CADMIUM	X		X					X						X					20	6	120	X	76			X					UNITED KINGDOM	212
ERPOBDELLA	NICKEL	X		X					X						X					20	6	120	X	76			X					UNITED KINGDOM	212
ERPOBDELLA	LEAD	X		X					X						X					20	6	120	X	76			X					UNITED KINGDOM	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CLYDE RIVER PURIFICATION BOARD'S TECHNICAL REPORTS

DATE 771208 INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD
RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA
UNITED KINGDOM

PROJECT(B31) - ORGANO-CHLORINE CONTAMINATION IN INVERTEBRATES DATA VALID AS OF 18/03/77

LEADER G. BEST, P. DAWSON TELEPHONE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/76	/
OPERATIONAL	/76	CONTINUING

PURPOSE OF PROJECT

TO DETERMINE THE ACCUMULATION OF MOTHPROOFING AGENTS BY RIVER INVERTEBRATES IN RIVERS SITED ADJACENT TO CARPET MANUFACTURERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
INVERTEBRATES N.E.I	DIELDRIN			X								X			X					2	6	12		76			X					UNITED KINGDOM	212
INVERTEBRATES N.E.I	DDT-TOTAL			X								X			X					2	6	12		76			X					UNITED KINGDOM	212
INVERTEBRATES N.E.I	PCB'S			X								X			X					2	6	12		76			X					UNITED KINGDOM	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

CLYDE RIVER PURIFICATION BOARD'S TECHNICAL REPORTS

INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD
RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA
UNITED KINGDOM

PROJECT(061) - EVALUATION OF WATER QUALITY IN IRVINE BAY DATA VALID AS OF 17/03/77

LEADER P.J.HOLMES TELEPHONE 38181 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/73
OPERATIONAL	/73	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MEASUREMENT OF LEVEL OF POLLUTION IN WATER, SEDIMENT AND FAUNA, (INVOLVING ANALYSIS OF SELECTED PERSISTANT CONTAMINANTS) PRIOR TO THE COMMISSIONING OF A NEW SCHEME TO DISCHARGE DOMESTIC & INDUSTRIAL WASTES TO IRVINE BAY, FIRTH OF CLYDE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
BUCCINUM UNDATUM	COPPER	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
BUCCINUM UNDATUM	ZINC	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
BUCCINUM UNDATUM	CADMIUM	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
BUCCINUM UNDATUM	NICKEL	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
BUCCINUM UNDATUM	MANGANESE			X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
BUCCINUM UNDATUM	LEAD	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	DIELDRIN			X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	DDE-PP			X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	PCB'S			X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	COPPER	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	ZINC	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	CADMIUM	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	NICKEL	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	MANGANESE			X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CHLAMYS OPERCULARIS	LEAD	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
CLUPEA HARENGUS	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
CLUPEA HARENGUS	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
CLUPEA HARENGUS	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
CLUPEA HARENGUS	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
CLUPEA HARENGUS	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
CLUPEA HARENGUS	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	DIELDRIN			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	DDE-PP			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	DDT-PP			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	PCB'S			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
GADUS MORHUA	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
HIPPOGLOSSOIDES PLA	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
HIPPOGLOSSOIDES PLA	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
HIPPOGLOSSOIDES PLA	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
HIPPOGLOSSOIDES PLA	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
HIPPOGLOSSOIDES PLA	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
HIPPOGLOSSOIDES PLA	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
LIMANDA LIMANDA	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
LIMANDA LIMANDA	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
LIMANDA LIMANDA	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
LIMANDA LIMANDA	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
LIMANDA LIMANDA	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
LIMANDA LIMANDA	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	DIELDRIN			X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	DDE-PP			X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	DDT-PP			X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	PCB'S			X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	COPPER	X		X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	ZINC	X		X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	CADMIUM	X		X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	NICKEL	X		X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	MANGANESE			X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
NEPHROPS NORVEGICUS	LEAD	X		X					X						X				X	2	2	16		73			X					NORTH ATLANTIC	0 233
PAGURUS BERNHARDUS	COPPER	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
PAGURUS BERNHARDUS	ZINC	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
PAGURUS BERNHARDUS	CADMIUM	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
PAGURUS BERNHARDUS	NICKEL	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
PAGURUS BERNHARDUS	MANGANESE			X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
PAGURUS BERNHARDUS	LEAD	X		X					X						X				X	2	2	24		73			X					NORTH ATLANTIC	0 233
PLEURONECTES PLATES	DIELDRIN			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
PLEURONECTES PLATES	DDE-PP			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
PLEURONECTES PLATES	DDT-PP			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233
PLEURONECTES PLATES	PCB'S			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	0 233

DATE 771208 INSTITUTE (559) CLYDE RIVER PURIFICATION BOARD UNITED KINGDOM

RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA

PROJECT (061) - EVALUATION OF WATER QUALITY IN IRVINE BAY DATA VALID AS OF 17/03/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLEURCNECTES PLATES	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
PLEURONECTES PLATES	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
PLEURONECTES PLATES	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
PLEURONECTES PLATES	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
PLEURONECTES PLATES	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
PLEURONECTES PLATES	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
TRIGLA GURNARDUS	COPPER	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
TRIGLA GURNARDUS	ZINC	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
TRIGLA GURNARDUS	CADMIUM	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
TRIGLA GURNARDUS	NICKEL	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
TRIGLA GURNARDUS	MANGANESE			X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233
TRIGLA GURNARDUS	LEAD	X		X					X						X				X	2	2	8		73			X					NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD UNITED KINGDOM

RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA

PROJECT(062) - SOLWAY FIRTH LITTORAL SURVEY DATA VALID AS OF 17/03/77

LEADER T.D.JICKELLS TELEPHONE 38181 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/71	/
OPERATIONAL	/71	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETECT POSSIBLE CHANGES IN THE TRACE METAL LOADING OF LOCAL BIOTA AND SEDIMENTS FOLLOWING THE COMMISSIONING OF A LARGE INDUSTRIA L DISCHARGE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CARCINUS MAENAS	COPPER	X		X					X						X					4	1	30	X	71			X					IRISH SEA	223
CARCINUS MAENAS	ZINC	X		X					X						X					4	1	30	X	71			X					IRISH SEA	223
CARCINUS MAENAS	CHROMIUM			X					X						X					4	1	30	X	71			X					IRISH SEA	223
CARCINUS MAENAS	CADMIUM	X		X					X						X					4	1	30	X	71			X					IRISH SEA	223
CARCINUS MAENAS	NICKEL	X		X					X						X					4	1	30	X	71			X					IRISH SEA	223
CARCINUS MAENAS	LEAD	X		X					X						X					4	1	30	X	71			X					IRISH SEA	223
CERASTODERMA EDULE	COPPER	X		X					X						X					2	1	15	X	71			X					IRISH SEA	223
CERASTODERMA EDULE	ZINC	X		X					X						X					2	1	15	X	71			X					IRISH SEA	223
CERASTODERMA EDULE	CHROMIUM			X					X						X					2	1	15	X	71			X					IRISH SEA	223
CERASTODERMA EDULE	CADMIUM	X		X					X						X					2	1	15	X	71			X					IRISH SEA	223
CERASTODERMA EDULE	NICKEL	X		X					X						X					2	1	15	X	71			X					IRISH SEA	223
CERASTODERMA EDULE	LEAD	X		X					X						X					2	1	15	X	71			X					IRISH SEA	223
CRANGON CRANGON	COPPER	X		X					X						X					3	1	45	X	71			X					IRISH SEA	223
CRANGON CRANGON	ZINC	X		X					X						X					3	1	45	X	71			X					IRISH SEA	223
CRANGON CRANGON	CHROMIUM			X					X						X					3	1	45	X	71			X					IRISH SEA	223
CRANGON CRANGON	CADMIUM	X		X					X						X					3	1	45	X	71			X					IRISH SEA	223
CRANGON CRANGON	NICKEL	X		X					X						X					3	1	45	X	71			X					IRISH SEA	223
CRANGON CRANGON	LEAD	X		X					X						X					3	1	45	X	71			X					IRISH SEA	223
FUCUS SERRATUS	COPPER	X		X					X						X					3	1	3	X	71			X					IRISH SEA	223
FUCUS SERRATUS	ZINC	X		X					X						X					3	1	3	X	71			X					IRISH SEA	223
FUCUS SERRATUS	CHROMIUM			X					X						X					3	1	3	X	71			X					IRISH SEA	223
FUCUS SERRATUS	CADMIUM	X		X					X						X					3	1	3	X	71			X					IRISH SEA	223
FUCUS SERRATUS	NICKEL	X		X					X						X					3	1	3	X	71			X					IRISH SEA	223
FUCUS SERRATUS	LEAD	X		X					X						X					3	1	3	X	71			X					IRISH SEA	223
MYA ARENARIA	COPPER	X		X					X						X					3	1	15	X	71			X					IRISH SEA	223
MYA ARENARIA	ZINC	X		X					X						X					3	1	15	X	71			X					IRISH SEA	223
MYA ARENARIA	CHROMIUM			X					X						X					3	1	15	X	71			X					IRISH SEA	223
MYA ARENARIA	CADMIUM	X		X					X						X					3	1	15	X	71			X					IRISH SEA	223
MYA ARENARIA	NICKEL	X		X					X						X					3	1	15	X	71			X					IRISH SEA	223
MYA ARENARIA	LEAD	X		X					X						X					3	1	15	X	71			X					IRISH SEA	223
MYTILUS EDULIS	COPPER	X		X					X						X					5	1	60	X	71			X					IRISH SEA	223
MYTILUS EDULIS	ZINC	X		X					X						X					5	1	60	X	71			X					IRISH SEA	223
MYTILUS EDULIS	CHROMIUM			X					X						X					5	1	60	X	71			X					IRISH SEA	223
MYTILUS EDULIS	CADMIUM	X		X					X						X					5	1	60	X	71			X					IRISH SEA	223
MYTILUS EDULIS	NICKEL	X		X					X						X					5	1	60	X	71			X					IRISH SEA	223
MYTILUS EDULIS	LEAD	X		X					X						X					5	1	60	X	71			X					IRISH SEA	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(559) CLYDE RIVER PURIFICATION BOARD UNITED KINGDOM
RIVERS HOUSE, MURRAY ROAD
EAST KILBRIDE
GLASGOW G75 OLA

PROJECT(063) - GARROCH HEAD SLUDGE DUMPING EVALUATION DATA VALID AS OF 17/03/77

LEADER D. MACKAY TELEPHONE 38181 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/69	/76
OPERATIONAL	/68	/76

PURPOSE OF PROJECT

TO EVALUATE THE EFFECTS OF SLUDGE DUMPING ON WATER, BIOTA AND SEDIMENTS OF THE FIRTH OF CLYDE.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	SAMPLE DESCRPTN / PRESERVATION METHOD	SAMPLE ORIGIN	HUMAN CONSUMPTION	NUMB STNS	ANNL FREQ	NUMBER /YEAR	RAW DATA	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
BUCCINUM UNDATUM	PCB'S	X	X		3	1		X		NORTH ATLANTIC O	226
BUCCINUM UNDATUM	COPPER	X	X		3	1		X		NORTH ATLANTIC O	226
BUCCINUM UNDATUM	ZINC	X	X		3	1		X		NORTH ATLANTIC O	226
BUCCINUM UNDATUM	CADMIUM	X	X		3	1		X		NORTH ATLANTIC O	226
BUCCINUM UNDATUM	LEAD	X	X		3	1		X		NORTH ATLANTIC O	226
CALOCARIS MACANDREA	COPPER	X	X		3	1		X		NORTH ATLANTIC O	226
CALOCARIS MACANDREA	ZINC	X	X		3	1		X		NORTH ATLANTIC O	226
CALOCARIS MACANDREA	CADMIUM	X	X		3	1		X		NORTH ATLANTIC O	226
CALOCARIS MACANDREA	LEAD	X	X		3	1		X		NORTH ATLANTIC O	226
CHLAMYS SEPTEMRADIA	PCB'S	X	X	X	2	1		X		NORTH ATLANTIC O	226
CHLAMYS SEPTEMRADIA	COPPER	X	X	X	2	1		X		NORTH ATLANTIC O	226
CHLAMYS SEPTEMRADIA	ZINC	X	X	X	2	1		X		NORTH ATLANTIC O	226
CHLAMYS SEPTEMRADIA	CADMIUM	X	X	X	2	1		X		NORTH ATLANTIC O	226
CHLAMYS SEPTEMRADIA	LEAD	X	X	X	2	1		X		NORTH ATLANTIC O	226
CRANGON ALLMANI	COPPER	X	X		3	1		X		NORTH ATLANTIC O	226
CRANGON ALLMANI	ZINC	X	X		3	1		X		NORTH ATLANTIC O	226
CRANGON ALLMANI	CADMIUM	X	X		3	1		X		NORTH ATLANTIC O	226
CRANGON ALLMANI	LEAD	X	X		3	1		X		NORTH ATLANTIC O	226
GADUS MORHUA	COPPER	X	X	X	1	1		X		NORTH ATLANTIC O	223
GADUS MORHUA	ZINC	X	X	X	1	1		X		NORTH ATLANTIC O	223
GADUS MORHUA	CHROMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	223
GADUS MORHUA	CADMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	223
GADUS MORHUA	LEAD	X	X	X	1	1		X		NORTH ATLANTIC O	223
LIMANDA LIMANDA	COPPER	X	X		1	1		X		NORTH ATLANTIC O	226
LIMANDA LIMANDA	ZINC	X	X		1	1		X		NORTH ATLANTIC O	226
LIMANDA LIMANDA	CHROMIUM	X	X		1	1		X		NORTH ATLANTIC O	226
LIMANDA LIMANDA	CADMIUM	X	X		1	1		X		NORTH ATLANTIC O	226
LIMANDA LIMANDA	LEAD	X	X		1	1		X		NORTH ATLANTIC O	226
MEGANYCTIPHANES NOR	COPPER	X	X		3	1		X		NORTH ATLANTIC O	226
MEGANYCTIPHANES NOR	ZINC	X	X		3	1		X		NORTH ATLANTIC O	226
MEGANYCTIPHANES NOR	CADMIUM	X	X		3	1		X		NORTH ATLANTIC O	226
MEGANYCTIPHANES NOR	LEAD	X	X		3	1		X		NORTH ATLANTIC O	226
MELANOGRAMMUS AEGLE	COPPER	X	X	X	1	1		X		NORTH ATLANTIC O	226
MELANOGRAMMUS AEGLE	ZINC	X	X	X	1	1		X		NORTH ATLANTIC O	226
MELANOGRAMMUS AEGLE	CHROMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	226
MELANOGRAMMUS AEGLE	CADMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	226
MELANOGRAMMUS AEGLE	LEAD	X	X	X	1	1		X		NORTH ATLANTIC O	226
NEPHROPS NORVEGICUS	COPPER	X	X	X	2	1		X		NORTH ATLANTIC O	226
NEPHROPS NORVEGICUS	ZINC	X	X	X	2	1		X		NORTH ATLANTIC O	226
NEPHROPS NORVEGICUS	CADMIUM	X	X	X	2	1		X		NORTH ATLANTIC O	226
NEPHROPS NORVEGICUS	LEAD	X	X	X	2	1		X		NORTH ATLANTIC O	226
PANDALUS MONTAGUI	COPPER	X	X		3	1		X		NORTH ATLANTIC O	226
PANDALUS MONTAGUI	ZINC	X	X		3	1		X		NORTH ATLANTIC O	226
PANDALUS MONTAGUI	CADMIUM	X	X		3	1		X		NORTH ATLANTIC O	226
PANDALUS MONTAGUI	LEAD	X	X		3	1		X		NORTH ATLANTIC O	226
PLATICHTHYS FLESUS	COPPER	X	X		1	1		X		NORTH ATLANTIC O	226
PLATICHTHYS FLESUS	ZINC	X	X		1	1		X		NORTH ATLANTIC O	226
PLATICHTHYS FLESUS	CHROMIUM	X	X		1	1		X		NORTH ATLANTIC O	226
PLATICHTHYS FLESUS	CADMIUM	X	X		1	1		X		NORTH ATLANTIC O	226
PLATICHTHYS FLESUS	LEAD	X	X		1	1		X		NORTH ATLANTIC O	226
PLEURONECTES PLATES	COPPER	X	X	X	1	1		X		NORTH ATLANTIC O	226
PLEURONECTES PLATES	ZINC	X	X	X	1	1		X		NORTH ATLANTIC O	226
PLEURONECTES PLATES	CHROMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	226
PLEURONECTES PLATES	CADMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	226
PLEURONECTES PLATES	LEAD	X	X	X	1	1		X		NORTH ATLANTIC O	226
POLLACHIUS VIRENS	COPPER	X	X	X	1	1		X		NORTH ATLANTIC O	226
POLLACHIUS VIRENS	ZINC	X	X	X	1	1		X		NORTH ATLANTIC O	226
POLLACHIUS VIRENS	CHROMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	226
POLLACHIUS VIRENS	CADMIUM	X	X	X	1	1		X		NORTH ATLANTIC O	226
POLLACHIUS VIRENS	LEAD	X	X	X	1	1		X		NORTH ATLANTIC O	226

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

J. MAR. BIOL. ASS. (UK) 1973, 53, 721-739

DATE 771208 INSTITUTE(560) FORTH RIVER PURIFICATION BOARD UNITED KINGDOM

COLINTON DELL HOUSE
WEST MILL ROAD
COLINTON
EDINBURGH EH13 0PH

PROJECT(C23) - STUDY OF POLLUTANTS IN EPIBENTHIC ORGANISMS AND FISH DATA VALID AS OF 19/04/77

LEADER HALCROW W. TELEPHONE 0314414691 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 2

PROJECT STATUS START DATE END DATE
PLANNING 10/76 10/76
OPERATIONAL 11/76 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO IDENTIFY IF THERE IS ANY ACCUMULATION OF THOSE TOXIC METALS KNOWN TO BE DISCHARGED TO THE FIRTH OF FORTH BY SPECIES WHICH ARE BOTH UBIQUITOUS AND ABUNDANT THROUGHOUT THE AREA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CHLAMYS OPERCULARIS	MERCURY-TOTAL	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CHLAMYS OPERCULARIS	COPPER	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CHLAMYS OPERCULARIS	ZINC	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CHLAMYS OPERCULARIS	CHROMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CHLAMYS OPERCULARIS	CADMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CHLAMYS OPERCULARIS	LEAD	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CRANGON CRANGON	MERCURY-TOTAL	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CRANGON CRANGON	COPPER	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CRANGON CRANGON	ZINC	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CRANGON CRANGON	CHROMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CRANGON CRANGON	CADMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
CRANGON CRANGON	LEAD	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
LIMANDA LIMANDA	MERCURY-TOTAL	X	X	X					X						X					9	1	1		76			X					NORTH SEA(INCL.S	225
LIMANDA LIMANDA	COPPER	X	X	X					X						X					9	1	1		76			X					NORTH SEA(INCL.S	225
LIMANDA LIMANDA	ZINC	X	X	X					X						X					9	1	1		76			X					NORTH SEA(INCL.S	225
LIMANDA LIMANDA	CHROMIUM	X	X	X					X						X					9	1	1		76			X					NORTH SEA(INCL.S	225
LIMANDA LIMANDA	CADMIUM	X	X	X					X						X					9	1	1		76			X					NORTH SEA(INCL.S	225
LIMANDA LIMANDA	LEAD	X	X	X					X						X					9	1	1		76			X					NORTH SEA(INCL.S	225
MYTILUS EDULIS	MERCURY-TOTAL	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
MYTILUS EDULIS	COPPER	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
MYTILUS EDULIS	ZINC	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
MYTILUS EDULIS	CHROMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
MYTILUS EDULIS	CADMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
MYTILUS EDULIS	LEAD	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PANDALUS SPP.	MERCURY-TOTAL	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PANDALUS SPP.	COPPER	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PANDALUS SPP.	ZINC	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PANDALUS SPP.	CHROMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PANDALUS SPP.	CADMIUM	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PANDALUS SPP.	LEAD	X		X					X						X					9	1	1		76								NORTH SEA(INCL.S	225
PLEURONECTES PLATES	MERCURY-TOTAL	X	X	X					X						X				X	9	1	1		76			X					NORTH SEA(INCL.S	225
PLEURONECTES PLATES	COPPER	X	X	X					X						X				X	9	1	1		76			X					NORTH SEA(INCL.S	225
PLEURONECTES PLATES	ZINC	X	X	X					X						X				X	9	1	1		76			X					NORTH SEA(INCL.S	225
PLEURONECTES PLATES	CHROMIUM	X	X	X					X						X				X	9	1	1		76			X					NORTH SEA(INCL.S	225
PLEURONECTES PLATES	CADMIUM	X	X	X					X						X				X	9	1	1		76			X					NORTH SEA(INCL.S	225
PLEURONECTES PLATES	LEAD	X	X	X					X						X				X	9	1	1		76			X					NORTH SEA(INCL.S	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(561) FIELD STUDIES COUNCIL, OIL POLLUTION RESEARCH UNIT UNITED KINGDOM
ORIELTON FIELD CENTRE
ORIELTON, PEMBROKE, DYFED, WALES

PROJECT(010) - EFFECT OF CONTAMINANTS ON MARINE LIFE DATA VALID AS OF 04/04/75

LEADER DR. J. M. BAKER TELEPHONE 370 CASTLE TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF 8

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	01/68	CONTINUING

SUB-PROGRAMME OF PART OF INTERRELATED SUBPROJECTS

PURPOSE OF PROJECT

TO DETERMINE EFFECTS OF OILS FROM VARIOUS SOURCES, DISPERSANTS & REFINERY EFFLUENTS ON MARINE ECOLOGY, PARTICULARLY ON THE DISTRIBUTION/ABUNDANCE OF INTERTIDAL FLORA/FAUNA & BENTHIC FAUNA

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BENTHIC FAUNA	ALKANES-N-TOTA											X			X					25	1		X	73			X		X			NORTH SEA(INCL.S	233
BENTHIC FAUNA	ALKANES-N-TOTA											X			X					20	1		X	74	77		X		X			IRISH SEA	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE ECOLOGY&OIL POLLUTION(BOOK) ED.JENIFER M.BAKER ETC.

DATE 771208 INSTITUTE(562) UNIVERSITY COLLEGE OF SWANSEA UNITED KINGDOM
INSTITUTE OF MARINE SCIENCE
ZOOLOGY DEPARTMENT
SWANSEA SA2 8PP, WALES

PROJECT(013) - COASTAL POLLUTION STUDIES DATA VALID AS OF 09/04/75

LEADER DR. A. NELSON-SMITH TELEPHONE 0792-25678 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

A LOOSELY INTER-RELATED SERIES OF STUDIES ON THE EFFECTS OF TOXIC HEAVY METALS, DETERGENTS, SPILLED OIL/DISPERSANTS AND SEWAGE ON VARIOUS ORGANISMS TYPICAL OF BRITISH SHORES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MOLLUSCS-MARINE N.E	COPPER								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	COPPER								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	ZINC								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	ZINC								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	CHROMIUM								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	CHROMIUM								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	CADMIUM								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	CADMIUM								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	LEAD								X						X					20	3	5000		73			X					IRISH SEA	232
MOLLUSCS-MARINE N.E	LEAD								X						X					20	3	5000		73			X					IRISH SEA	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(566) ABERDEEN UNIVERSITY UNITED KINGDOM
ZOOLOGY DEPARTMENT, TILLYDRONE AV.
SEABIRD GROUP
ABERDEEN, AB9 2TN

PROJECT(820) - POLLUTANTS IN MARINE BIRDS DATA VALID AS OF 11/02/77

LEADER W.R.P.BOURNE TELEPHONE 022440241 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /71 /
OPERATIONAL /71 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

SURVEILLANCE OF POLLUTANTS IN LIMITED NUMBERS OF MARINE BIRDS COLLECTED THROUGHOUT THE WORLD, INCLUDING OIL, ARTEFACTS, DDE, PCBS, HEOD, METALS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
		LBRTD	LENGTH	WEIGHT	AGE	DEVSTG	NCI	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER	HCONSP				MWATER	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	PDCHN	OTHBIO		
BIRD,GUANO,EGGS,ETC	DIELDRIN	X		X	X				X			X			X							50		71			X	X			X		233
BIRD,GUANC,EGGS,ETC	DDE-PP	X		X	X				X			X			X							50		71			X	X			X		233
BIRD,GUANO,EGGS,ETC	PCB'S	X		X	X				X			X			X							50		71			X	X			X		233
BIRD,GUANO,EGGS,ETC	MERCURY-TOTAL	X		X	X				X			X			X							50		71			X	X			X		233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

SEABIRDS&POLL.IN MAR.POLL. RJOHNSTON,ACADEMIC PRESS,1976,403-502

LAMONT-DOHERTY GEOLOGICAL OBSERVATORY
COLUMBIA UNIVERSITY
PALISADES, NEW YORK 10964

PROJECT(026) - EFFLUENT MARICULTURE DATA VALID AS OF 05/04/75

LEADER DR. O. A. ROELS TELEPHONE 3592900 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL 01/74 CONTINUING

SUB-PROGRAMME OF NEW YORK STATE DEPT.

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

COLLECTION OF BASELINE METALS AND PESTICIDE DATA ON ESTUARINE ORGANISMS FOR COMPARISON WITH ORGANISMS CULTURED IN A BRACKISH WATER FOOD CHAIN UTILISING SECONDARY SEWAGE EFFLUENT AS NUTRIENT FOR PHYTOPLANKTON GROWTH

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEV STG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
DUNALIELLA TERTIOLE	DDE-PP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
DUNALIELLA TERTIOLE	DDT-PP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
DUNALIELLA TERTIOLE	DDT-OP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
DUNALIELLA TERTIOLE	PCB'S													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
FUCUS SPP.	DDE-PP													X	X					1	1		X	74	74		X					NORTH ATLANTIC	O 223
FUCUS SPP.	DDT-PP													X	X					1	1		X	74	74		X					NORTH ATLANTIC	O 223
FUCUS SPP.	DDT-OP													X	X					1	1		X	74	74		X					NORTH ATLANTIC	O 223
FUCUS SPP.	PCB'S													X	X					1	1		X	74	74		X					NORTH ATLANTIC	O 223
MODIOLUS DEMISSUS	DDE-PP													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MODIOLUS DEMISSUS	DDT-PP													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MODIOLUS DEMISSUS	DDT-OP													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MODIOLUS DEMISSUS	PCB'S													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	DDE-PP													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	DDT-PP													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	DDT-OP													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
MYTILUS EDULIS	PCB'S													X	X					1	1	100	X	74	74		X					NORTH ATLANTIC	O 223
NANNOCHLORIS SPP.	DDE-PP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NANNOCHLORIS SPP.	DDT-PP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NANNOCHLORIS SPP.	DDT-OP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NANNOCHLORIS SPP.	PCB'S													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NITZSCHIA SPP.	DDE-PP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NITZSCHIA SPP.	DDT-PP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NITZSCHIA SPP.	DDT-OP													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220
NITZSCHIA SPP.	PCB'S													X			X			1	1		X	74	74		X					NORTH ATLANTIC	O 220

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(601) NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE UNIVERSITY OF NEW YORK AT STONY BROOK
STONY BROOK, NEW YORK 11794 UNITED STATES

PROJECT(023) - METALS & CHLORINATED HYDROCARBONS DATA VALID AS OF 0

LEADER JACK FOEHRENBACH TELEPHONE 7517900 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL / CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALIBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BIVALVIA	BHC-ALPHA	X						X	X						X	X		X				225		65				X					
BIVALVIA	BHC-GAMMA	X						X	X						X	X		X				225		65				X					
BIVALVIA	DIELDRIN	X						X	X						X	X		X				225		65				X					
BIVALVIA	DDE-PP	X						X	X						X	X		X				225		65				X					
BIVALVIA	TDE-PP	X						X	X						X	X		X				225		65				X					
BIVALVIA	DDT-PP	X						X	X						X	X		X				225		65				X					
BIVALVIA	DDT-OP	X						X	X						X	X		X				225		65				X					
BIVALVIA	DDT-TOTAL	X						X	X						X	X		X				225		65				X					
BIVALVIA	ORGANOPHOSPHOR	X						X	X						X	X		X				225		65				X					
BIVALVIA	PCB'S							X	X						X	X		X				225		65				X					
BIVALVIA	ALKANES-N-TOTA	X						X	X						X	X		X				225		65				X					
BIVALVIA	HYDROCARBONS-A	X						X	X						X	X		X				225		65				X					
BIVALVIA	MERCURY-TOTAL							X	X						X	X		X				225		65				X					
BIVALVIA	COPPER							X	X						X	X		X				225		65				X					
BIVALVIA	ZINC							X	X						X	X		X				225		65				X					
BIVALVIA	CHROMIUM							X	X						X	X		X				225		65				X					
BIVALVIA	CADMIUM							X	X						X	X		X				225		65				X					
BIVALVIA	LEAD	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	BHC-ALPHA	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	BHC-GAMMA	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	DIELDRIN	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	DDE-PP	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	TDE-PP	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	DDT-PP	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	DDT-OP	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	DDT-TOTAL	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	ORGANOPHOSPHOR	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	PCB'S							X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	ALKANES-N-TOTA	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	HYDROCARBONS-A	X						X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	MERCURY-TOTAL							X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	COPPER							X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	ZINC							X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	CHROMIUM							X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	CADMIUM							X	X						X	X		X				225		65				X					
FISHES-MARINE N.E.I	LEAD	X						X	X						X	X		X				225		65				X					

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT (C79) - ANALYSES OF CHLORINATED & NON-CHLORINATED HYDROCARBONS DATA VALID AS OF 22/06/77

LEADER FARRINGTON J.W. TELEPHONE 6175481400 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 82000 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	03/76	08/76
OPERATIONAL	09/76	CONTINUING

SUB-PROGRAMME OF U.S.E.P.A.

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

FEASIBILITY STUDY OF SYSTEMATIC SURVEILLANCE FOR ORGANIC & INORGANIC POLLUTANTS IN COASTAL MARINE WATERS. CORRELATION OF ELEVATED CONCENTRATIONS WITH KNOWN OR SUSPECTED SOURCES &/OR TRANSPORT MECHANISMS FOR POLLUTANTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASTERIAS SPP.	DDE-PP	X		X					X						X					3	2	10	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
ASTERIAS SPP.	PCB'S	X		X					X						X					3	2	10	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
ASTERIAS SPP.	ALKANES-N-TOTA	X		X					X						X					3	2	10	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
ASTERIAS SPP.	HYDROCARBONS-P	X		X					X						X					3	2	10	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
CANCER SPP.	DDE-PP	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
CANCER SPP.	PCB'S	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
CANCER SPP.	ALKANES-N-TOTA	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
CANCER SPP.	HYDROCARBONS-P	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
CRASSOSTREA SPP.	DDE-PP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	TDE-PP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	DDT-PP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	DDT-OP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	DDT-TOTAL	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	PCB'S	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	ALKANES-N-TOTA	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
CRASSOSTREA SPP.	HYDROCARBONS-P	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MERLUCCIUS BILINEAR	DDE-PP	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
MERLUCCIUS BILINEAR	PCB'S	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
MERLUCCIUS BILINEAR	ALKANES-N-TOTA	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
MERLUCCIUS BILINEAR	HYDROCARBONS-P	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
MYTILUS EDULIS	DDE-PP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	TDE-PP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	DDT-PP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	DDT-OP	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	DDT-TOTAL	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	PCB'S	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	ALKANES-N-TOTA	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
MYTILUS EDULIS	HYDROCARBONS-P	X	X	X					X						X					20	1	20		76	78		X	X				NORTH ATLANTIC	O 232
PSEUDOPLEURONECTES	DDE-PP	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
PSEUDOPLEURONECTES	PCB'S	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
PSEUDOPLEURONECTES	ALKANES-N-TOTA	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233
PSEUDOPLEURONECTES	HYDROCARBONS-P	X		X					X						X					3	2	5	X	77	79	X	X	X				SOUTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

USEPA REPORTS

DATE 771208 INSTITUTE(604) WOODS HOLE OCEANOGRAPHIC INSTITUTION UNITED STATES
WOODS HOLE, MASSACHUSETTS 02543

PROJECT(05Q) - TRANSFER AND FATE OF PETROLEUM, PCB AND DDT IN THE ATLANTIC DATA VALID AS OF 21/05/75

LEADER GEORGE R. HARVEY TELEPHONE 5481400 TELEX/CABLE OCEANIST

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	11/70	/
OPERATIONAL	01/71	06/73

SUB-PROGRAMME OF IDOE, NATIONAL SCIENCE

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

ASSESS CONTAMINANT LEVEL IN OPEN ATLANTIC, ROUTES OF ENTRY & TRANSFER PATHWAYS OF CHLORINATED/PETROLEUM HYDROCARBONS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCULT	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	DDE-PP	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	DDT-PP	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	DDT-OP	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	DDT-TOTAL	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	PCB'S	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	OIL(BY FLUORES	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	ALKANES-N-TOTA	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	HYDROCARBONS-A	X							X																							NORTH ATLANTIC	O
FISHES-MARINE N.E.I	DDE-PP	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	DDT-PP	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	DDT-OP	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	DDT-TOTAL	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	PCB'S	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	OIL(BY FLUORES	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	ALKANES-N-TOTA	X							X																							SOUTH ATLANTIC	O
FISHES-MARINE N.E.I	HYDROCARBONS-A	X							X																							SOUTH ATLANTIC	O

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT(041) - NATIONAL FISH MONITORING PROGRAM DATA VALID AS OF 02/05/75

LEADER HENRY W. JENSEN TELEPHONE 5485123 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /70 CONTINUING

SUB-PROGRAMME OF EPA-NOAA COOP OCEAN

PURPOSE OF PROJECT

ANALYSE CAPE HATTERAS/NOVA SCOTIA MARINE FISHES FOR CONTAMINANTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD WET	ICED	FROZEN	SALTED	DRIED	FORMALIN	ALCOHOL	OTHER	SAMPLE ORIGIN FIELD	COMMERCL	AQUACULTR	OTHER	HU CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHS.E	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ALOSA PSEUDOHARENGU	DDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
ALOSA PSEUDOHARENGU	TDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
ALOSA PSEUDOHARENGU	DDT-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
ALOSA PSEUDOHARENGU	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
ALOSA PSEUDOHARENGU	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
ALOSA PSEUDOHARENGU	HERBICIDES	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
ALOSA PSEUDOHARENGU	PCB'S	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	DDE-PP	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	TDE-PP	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	DDT-PP	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	CARBAMATE COMP	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	HERBICIDES	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
CLUPEA HARENGUS	PCB'S	X	X	X	X				X						X				X	1	1	40		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	DDE-PP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	TDE-PP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	DDT-PP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	HERBICIDES	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
GADUS MORHUA	PCB'S	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	DDE-PP	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	TDE-PP	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	DDT-PP	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	ORGANOPHOSPHOR	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	CARBAMATE COMP	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	HERBICIDES	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
HIPPOGLOSSOIDES PLA	PCB'S	X	X	X	X				X						X				X	2	1	20		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	DDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	TDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	DDT-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	HERBICIDES	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LIMANDA FERRUGINEA	PCB'S	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	DDE-PP	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	TDE-PP	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	DDT-PP	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	CARBAMATE COMP	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	HERBICIDES	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
LOPHIUS AMERICANUS	PCB'S	X	X	X	X				X						X				X	8	1	35		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	DDE-PP	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	TDE-PP	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	DDT-PP	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	ORGANOPHOSPHOR	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	CARBAMATE COMP	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	HERBICIDES	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MACROZOARCES AMERIC	PCB'S	X	X	X	X				X						X				X	7	1	53		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	DDE-PP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	TDE-PP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	DDT-PP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	HERBICIDES	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MELANOGRAMMUS AEGLE	PCB'S	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	DDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	TDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	DDT-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	HERBICIDES	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233
MERLUCCIUS BILINEAR	PCB'S	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC O	233

DATE 771208 INSTITUTE(605) NORTHEAST FISHERIES CENTER UNITED STATES
NOAA-NMFS
WOODS HOLE, MASSACHUSETTS 02543

PROJECT(041) - NATIONAL FISH MONITORING PROGRAM DATA VALID AS OF 02/05/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FDCHWN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYOXOCEPHALUS OCTOD	DDE-PP	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
MYOXOCEPHALUS OCTOD	TDE-PP	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
MYOXOCEPHALUS OCTOD	DDT-PP	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
MYOXOCEPHALUS OCTOD	ORGANOPHOSPHOR	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
MYOXOCEPHALUS OCTOD	CARBAMATE COMP	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
MYOXOCEPHALUS OCTOD	HERBICIDES	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
MYOXOCEPHALUS OCTOD	PCB'S	X	X	X	X				X						X				X	6	1	54		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	DDE-PP	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	TDE-PP	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	DDT-PP	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	ORGANOPHOSPHOR	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	CARBAMATE COMP	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	HERBICIDES	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PARALICHTHYS OBLONG	PCB'S	X	X	X	X				X						X				X	4	1	38		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	DDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	TDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	DDT-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	HERBICIDES	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
PEPRILUS TRIACANTHU	PCB'S	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	DDE-PP	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	TDE-PP	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	DDT-PP	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	CARBAMATE COMP	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	HERBICIDES	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
POLLACHIUS VIRENS	PCB'S	X	X	X	X				X						X				X	4	1	28		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	DDE-PP	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	TDE-PP	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	DDT-PP	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	CARBAMATE COMP	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	HERBICIDES	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
PRIONOTUS CAROLINUS	PCB'S	X	X	X	X				X						X				X	1	1	25		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	DDE-PP	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	TDE-PP	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	DDT-PP	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	HERBICIDES	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
RAJA ERINACEA	PCB'S	X	X	X	X				X						X				X	3	1	21		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	DDE-PP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	TDE-PP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	DDT-PP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	HERBICIDES	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SCOMBER SCOMBRUS	PCB'S	X	X	X	X				X						X				X	3	1	30		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	DDE-PP	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	TDE-PP	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	DDT-PP	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	CARBAMATE COMP	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	HERBICIDES	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SEBASTES MARINUS	PCB'S	X	X	X	X				X						X				X	4	1	24		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	DDE-PP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	TDE-PP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	DDT-PP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	HERBICIDES	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
SQUALUS ACANTHIAS	PCB'S	X	X	X	X				X						X				X	3	1	20		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	DDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	TDE-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	DDT-PP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	CARBAMATE COMP	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	HERBICIDES	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
STENOTOMUS CHRYSOPS	PCB'S	X	X	X	X				X						X				X	3	1	40		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	DDE-PP	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	TDE-PP	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	DDT-PP	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	ORGANOPHOSPHOR	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	CARBAMATE COMP	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	HERBICIDES	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233
UROPHYCIS CHUSS	PCB'S	X	X	X	X				X						X				X	2	1	30		74	74							NORTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(607) THE IRA C. DARLING CENTRE FOR RESEARCH, TEACHING AND SERVICE UNIVERSITY OF MAINE WALPOLE, MAINE 04573 UNITED STATES

PROJECT(C64) - ACCUMULATION OF REACTOR ASSOCIATED RADIONUCLIDES DATA VALID AS OF 30/03/77

LEADER HESS,SMITH,PRICE TELEPHONE 2075633146 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 50000 STAFF OF 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/72
OPERATIONAL	/73	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE LEVELS OF GAMMA-EMITTING RADIONUCLIDES IN SHELLFISH AQUACULTURED IN THE THERMAL EFFLUENT, SEDIMENTS AND WATERS SURROUN DING THE MAINE YANKEE NUCLEAR POWER STATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER	MCOMSP				MWATBR	YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
CRASSOSTREA VIRGINI	CS-134	X	X	X	X									X	X					6	12	72		73		X		X				NORTH ATLANTIC O	223
CRASSOSTREA VIRGINI	CO-58	X	X	X	X									X	X					6	12	72		73		X		X				NORTH ATLANTIC O	223
CRASSOSTREA VIRGINI	MN-54	X	X	X	X									X	X					6	12	72		73		X		X				NORTH ATLANTIC O	223
CRASSOSTREA VIRGINI	CS-137	X	X	X	X									X	X					6	12	72		73		X		X				NORTH ATLANTIC O	223
CRASSOSTREA VIRGINI	CO-60	X	X	X	X									X	X					6	12	72		73		X		X				NORTH ATLANTIC O	223
MYTILUS EDULIS	CS-134	X	X											X	X					6	12	72		73				X				NORTH ATLANTIC O	223
MYTILUS EDULIS	CO-58	X	X											X	X					6	12	72		73				X				NORTH ATLANTIC O	223
MYTILUS EDULIS	MN-54	X	X											X	X					6	12	72		73				X				NORTH ATLANTIC O	223
MYTILUS EDULIS	CS-137	X	X											X	X					6	12	72		73				X				NORTH ATLANTIC O	223
MYTILUS EDULIS	CO-60	X	X											X	X					6	12	72		73				X				NORTH ATLANTIC O	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

NATURE

DATE 771208 INSTITUTE(607) THE IRA C. DARLING CENTRE FOR RESEARCH, TEACHING AND SERVICE
UNIVERSITY OF MAINE
WALPOLE, MAINE 04573
UNITED STATES

PROJECT(C8Q) - DISTRIBUTION OF HEAVY METAL LEVELS DATA VALID AS OF 19/08/77

LEADER KENNETH FINK L.,JR. TELEPHONE 2075633146 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 30000 STAFF CP 3

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	09/74	10/77

PURPOSE OF PROJECT

TO DETERMINE THE DISTRIBUTION PATTERNS OF HEAVY METALS (CU, ZN, PB, HG, CD, CR, AG, FE, MN, NI) IN THE WATERS, SUSPENDED PARTICULATES, SEDIMENTS, AND BIOTA OF SELECTED MAINE ESTUARIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOHL	OTHER	SAMPLE ORIGIN: FIELD	COMREC	AQCULT	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASCOPHYLLUM NODULOS	COPPER			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
ASCOPHYLLUM NODULOS	ZINC			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
ASCOPHYLLUM NODULOS	CHROMIUM			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
ASCOPHYLLUM NODULOS	CADMIUM			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
ASCOPHYLLUM NODULOS	NICKEL			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
ASCOPHYLLUM NODULOS	MANGANESE			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
ASCOPHYLLUM NODULOS	LEAD			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	COPPER			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	ZINC			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	CHROMIUM			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	CADMIUM			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	NICKEL			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	MANGANESE			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
FUCUS VESICULOSUS	LEAD			X					X						X					20	1	40	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	COPPER			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	ZINC			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	CHROMIUM			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	CADMIUM			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	NICKEL			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	MANGANESE			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
GLYCERA DIBRANCHIAT	LEAD			X					X						X					8	1	20	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	COPPER			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	ZINC			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	CHROMIUM			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	CADMIUM			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	NICKEL			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	MANGANESE			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
LITTORINA LITTORINA	LEAD			X					X						X					14	1	70	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	COPPER			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	ZINC			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	CHROMIUM			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	CADMIUM			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	NICKEL			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	MANGANESE			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MACOMA BALTICA	LEAD			X					X						X					1	1	20	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	COPPER			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	ZINC			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	CHROMIUM			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	CADMIUM			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	NICKEL			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	MANGANESE			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYA ARENARIA	LEAD			X					X						X				X	13	1	65	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	COPPER			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	ZINC			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	CHROMIUM			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	CADMIUM			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	NICKEL			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	MANGANESE			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
MYTILUS EDULIS	LEAD			X					X						X				X	21	1	105	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	COPPER			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	ZINC			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	CHROMIUM			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	CADMIUM			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	NICKEL			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	MANGANESE			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEPHTYS SPP.	LEAD			X					X						X					1	1	4	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	COPPER			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	ZINC			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	CHROMIUM			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	CADMIUM			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	NICKEL			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	MANGANESE			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS DIVERSICOLOR	LEAD			X					X						X					4	1	10	X	75	76		X					NORTH ATLANTIC	O 232
NEREIS VIRENS	COPPER			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC	O 232

DATE 771208 INSTITUTE(607) THE IRA C. DARLING CENTRE FOR RESEARCH, TEACHING AND SERVICE UNIVERSITY OF MAINE WALPOLE, MAINE 04573 UNITED STATES

PROJECT(C80) - DISTRIBUTION OF HEAVY METAL LEVELS DATA VALID AS OF 19/08/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NICE	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXICTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
NEREIS VIRENS	ZINC			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC O	232
NEREIS VIRENS	CHROMIUM			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC O	232
NEREIS VIRENS	CADMIUM			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC O	232
NEREIS VIRENS	NICKEL			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC O	232
NEREIS VIRENS	MANGANESE			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC O	232
NEREIS VIRENS	LEAD			X					X						X					10	1	25	X	75	76		X					NORTH ATLANTIC O	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(608) BATELLE NORTHWEST LABORATORIES UNITED STATES

ECOSYSTEMS DEPARTMENT
P.O.BOX 999
RICHLAND WASHINGTON 99352

PROJECT(C17) - FOSSIL FUEL EFFLUENT EFFECTS ON FRESHWATER SYSTEMS DATA VALID AS OF 08/04/77

LEADER SCHNEIDER M.J. TELEPHONE 5099462935 TELEX/CABLE 36921

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 297000 STAFF OF 9

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/
OPERATIONAL	/	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO PROVIDE PREDICTIVE INFORMATION ON POTENTIAL ENVIRONMENTAL IMPACTS OF COAL COMBUSTION & COAL CONVERSION ON WATER QUALITY & AQUATIC BIOTA. CONCERNED WITH IDENTIFYING BYPRODUCTS REACHING SURFACE WATERS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LEPOMIS GIBBOSUS	PHENOLS	X	X	X											X						2	1500		76	77				X			UNITED STATES	212
LEPOMIS GIBBOSUS	ALKANES-N-TOTA	X	X	X											X						2	1500		76	77				X			UNITED STATES	212
LEPOMIS GIBBOSUS	HYDROCARBONS-P	X	X	X											X						2	1500		76	77				X			UNITED STATES	212
PACIFASTACUS LENIUS	PHENOLS	X	X	X											X						2	400		76	77				X			UNITED STATES	212
PACIFASTACUS LENIUS	ALKANES-N-TOTA	X	X	X											X						2	400		76	77				X			UNITED STATES	212
PACIFASTACUS LENIUS	HYDROCARBONS-P	X	X	X											X						2	400		76	77				X			UNITED STATES	212
SALMO GAIRDNERI	PHENOLS	X	X	X												X								76	77				X			UNITED STATES	212
SALMO GAIRDNERI	ALKANES-N-TOTA	X	X	X												X								76	77				X			UNITED STATES	212
SALMO GAIRDNERI	HYDROCARBONS-P	X	X	X												X								76	77				X			UNITED STATES	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(611) SANDY HOOK LABORATORY
MIDDLE ATLANTIC FISHERIES CENTER
NOAA-NMFS
HIGHLANDS,NEW JERSEY 07732

UNITED STATES

PROJECT(020) - ECOSYSTEMS INVESTIGATIONS

DATA VALID AS OF 23/04/75

LEADER J.B. PEARCE TELEPHONE 872-0200 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING 08/68 /
OPERATIONAL 08/68 CONTINUING

SUB-PROGRAMME OF NOAA, MAR.ECOSYSTEMS (MESA)

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO UNDERSTAND THE IMPACT OF CONTAMINANTS, INCLUDING THE RANGE FROM MICROCONSTITUENTS TO SOLID WASTES SUCH AS DREDGING SPOILS AND SEWAGE SLUDGE, ON LIVING MARINE RESOURCES OF THE MIDDLE ATLANTIC BIGHT.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	STMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BENTHOS	SILVER			X		X						X	X		X				X	200	4	4000	X	68		X	X	X				NORTH ATLANTIC	O 232
BENTHOS	SILVER		X			X			X						X				X	10	10	100	X	71		X	X	X	X		X	NORTH ATLANTIC	O 232
BENTHOS	NICKEL			X		X						X	X		X				X	200	4	4000	X	68		X	X	X				NORTH ATLANTIC	O 232
BENTHOS	NICKEL		X			X			X						X				X	10	10	100	X	71		X	X	X	X		X	NORTH ATLANTIC	O 232
BENTHOS	LEAD			X		X						X	X		X				X	200	4	4000	X	68		X	X	X				NORTH ATLANTIC	O 232
BENTHOS	LEAD		X			X			X						X				X	10	10	100	X	71		X	X	X	X		X	NORTH ATLANTIC	O 232
BENTHOS	DISEASES			X		X						X	X		X				X	200	4	4000	X	68		X	X	X				NORTH ATLANTIC	O 232
BENTHOS	DISEASES		X			X			X						X				X	10	10	100	X	71		X	X	X	X		X	NORTH ATLANTIC	O 232
BENTHOS	BACTERIA			X		X						X	X		X				X	200	4	4000	X	68		X	X	X				NORTH ATLANTIC	O 232
BENTHOS	BACTERIA		X			X			X						X				X	10	10	100	X	71		X	X	X	X		X	NORTH ATLANTIC	O 232
CANCER IRRORATUS	SILVER		X			X	X								X				X	5	10	50	X	72			X		X		X	NORTH ATLANTIC	O 232
CANCER IRRORATUS	NICKEL		X			X	X								X				X	5	10	50	X	72			X		X		X	NORTH ATLANTIC	O 232
CANCER IRRORATUS	LEAD		X			X	X								X				X	5	10	50	X	72			X		X		X	NORTH ATLANTIC	O 232
CANCER IRRORATUS	DISEASES		X			X	X								X				X	5	10	50	X	72			X		X		X	NORTH ATLANTIC	O 232
CANCER IRRORATUS	BACTERIA		X			X	X								X				X	5	10	50	X	72			X		X		X	NORTH ATLANTIC	O 232
FISHES-MARINE N.E.I	SILVER		X	X	X	X			X					X	X			X	X	50	20	1000	X	72		X	X	X			X	NORTH ATLANTIC	O 232
FISHES-MARINE N.E.I	NICKEL		X	X	X	X			X					X	X			X	X	50	20	1000	X	72		X	X	X			X	NORTH ATLANTIC	O 232
FISHES-MARINE N.E.I	LEAD		X	X	X	X			X					X	X			X	X	50	20	1000	X	72		X	X	X			X	NORTH ATLANTIC	O 232
FISHES-MARINE N.E.I	DISEASES		X	X	X	X			X					X	X			X	X	50	20	1000	X	72		X	X	X			X	NORTH ATLANTIC	O 232
FISHES-MARINE N.E.I	BACTERIA		X	X	X	X			X					X	X			X	X	50	20	1000	X	72		X	X	X			X	NORTH ATLANTIC	O 232
GYMNODINIUM BREVAE	SILVER					X	X								X			X		10	4	100	X	71			X		X	X		NORTH ATLANTIC	O 232
GYMNODINIUM BREVAE	NICKEL					X	X								X			X		10	4	100	X	71			X		X	X		NORTH ATLANTIC	O 232
GYMNODINIUM BREVAE	LEAD					X	X								X			X		10	4	100	X	71			X		X	X		NORTH ATLANTIC	O 232
GYMNODINIUM BREVAE	DISEASES					X	X								X			X		10	4	100	X	71			X		X	X		NORTH ATLANTIC	O 232
GYMNODINIUM BREVAE	BACTERIA					X	X								X			X		10	4	100	X	71			X		X	X		NORTH ATLANTIC	O 232
SHELLFISH N.E.I.	SILVER		X	X		X			X					X	X			X	X	10	4	500	X	69			X	X			X	NORTH ATLANTIC	O 232
SHELLFISH N.E.I.	NICKEL		X	X		X			X					X	X			X	X	10	4	500	X	69			X	X			X	NORTH ATLANTIC	O 232
SHELLFISH N.E.I.	LEAD		X	X		X			X					X	X			X	X	10	4	500	X	69			X	X			X	NORTH ATLANTIC	O 232
SHELLFISH N.E.I.	DISEASES		X	X		X			X					X	X			X	X	10	4	500	X	69			X	X			X	NORTH ATLANTIC	O 232
SHELLFISH N.E.I.	BACTERIA		X	X		X			X					X	X			X	X	10	4	500	X	69			X	X			X	NORTH ATLANTIC	O 232
TAUTOGOLABRUS ADSPE	CADMIUM		X	X		X	X		X					X	X				X	5	4	20		73			X	X			X	NORTH ATLANTIC	O 232
TAUTOGOLABRUS ADSPE	SILVER		X	X		X	X		X					X	X				X	5	4	20		73			X	X			X	NORTH ATLANTIC	O 232
TAUTOGOLABRUS ADSPE	NICKEL		X	X		X	X		X					X	X				X	5	4	20		73			X	X			X	NORTH ATLANTIC	O 232
TAUTOGOLABRUS ADSPE	LEAD		X	X		X	X		X					X	X				X	5	4	20		73			X	X			X	NORTH ATLANTIC	O 232
TAUTOGOLABRUS ADSPE	DISEASES		X	X		X	X		X					X	X				X	5	4	20		73			X	X			X	NORTH ATLANTIC	O 232
TAUTOGOLABRUS ADSPE	BACTERIA		X	X		X	X		X					X	X				X	5	4	20		73			X	X			X	NORTH ATLANTIC	O 232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(624) GALVESTON LABORATORY SOUTHEAST FISHERIES REGION UNITED STATES
NOAA-NMFS
4700 AVENUE U
GALVESTON,TEXAS 77550

PROJECT(C82) - ENVIRONMENTAL ASSESSMENT OF AN ACTIVE OIL FIELD DATA VALID AS OF /04/77

LEADER MCRAE E.D. TELEPHONE 7137631211 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 700000 STAFF OF 40

PROJECT STATUS	START DATE	END DATE
PLANNING	05/75	02/76
OPERATIONAL	03/76	08/80

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

INVESTIGATIONS WILL DETERMINE THE QUANTITIES, TYPES & RATES OF MOVEMENT OF POLLUTANTS THROUGH COMPONENTS OF THE ECOSYSTEMS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: MYR YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FINFISHES N.E.I.	ALKANES-N-TOTA	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	HYDROCARBONS-A	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	MERCURY-TOTAL	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	COPPER	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	ZINC	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	CHROMIUM	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	CADMIUM	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	SILVER	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	NICKEL	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	MANGANESE	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FINFISHES N.E.I.	LEAD	X	X	X	X	X	X		X			X			X				X	2	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	ALKANES-N-TOTA	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	HYDROCARBONS-A	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	MERCURY-TOTAL	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	COPPER	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	ZINC	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	CHROMIUM	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	CADMIUM	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	SILVER	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	NICKEL	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	MANGANESE	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
CRUSTACEANS-MARINE	LEAD	X	X	X					X						X				X	3	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	ALKANES-N-TOTA	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	HYDROCARBONS-A	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	MERCURY-TOTAL	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	COPPER	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	ZINC	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	CHROMIUM	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	CADMIUM	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	SILVER	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	NICKEL	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	MANGANESE	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
FOULING ORGANISMS	LEAD	X				X						X			X					2	4			76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	ALKANES-N-TOTA	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	HYDROCARBONS-A	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	MERCURY-TOTAL	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	COPPER	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	ZINC	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	CHROMIUM	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	CADMIUM	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	SILVER	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	NICKEL	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	MANGANESE	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MACROBENTHIC FAUNA	LEAD	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	ALKANES-N-TOTA	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	HYDROCARBONS-A	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	MERCURY-TOTAL	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	COPPER	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	ZINC	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	CHROMIUM	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	CADMIUM	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	SILVER	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	NICKEL	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	MANGANESE	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
MEIOBENTHIC FAUNA	LEAD	X				X						X			X					48	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	ALKANES-N-TOTA	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	HYDROCARBONS-A	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	MERCURY-TOTAL	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	COPPER	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	ZINC	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	CHROMIUM	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	CADMIUM	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	SILVER	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233

DATE 771208 INSTITUTE(624) GALVESTON LABORATORY SOUTHEAST FISHERIES REGION UNITED STATES
NOAA-NMFS
4700 AVENUE U
GALVESTON,TEXAS 77550

PROJECT(C82) - ENVIRONMENTAL ASSESSMENT OF AN ACTIVE OIL FIELD DATA VALID AS OF /04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTON	NICKEL	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTCN	MANGANESE	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON	LEAD	X				X						X			X					3	4			76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	ALKANES-N-TOTA	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	HYDROCARBONS-A	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	MERCURY-TOTAL	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	COPPER	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	ZINC	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	CHROMIUM	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTCN-ICHTHYO	CADMIUM	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	SILVER	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	NICKEL	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTCN-ICHTHYO	MANGANESE	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233
PLANKTON-ICHTHYO	LEAD	X				X						X			X					8	4		X	76	77	X					X	SOUTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(625) UNIVERSITY OF SOUTHERN CALIFORNIA UNITED STATES
ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES,CALIF. 90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS DATA VALID AS OF 05/04/77

LEADER DOROTHY F.SOULE TELEPHONE 2137462053 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 350000 STAFF OF 30

PROJECT STATUS START DATE END DATE
PLANNING /71 /
OPERATIONAL /71 CONTINUING

SUB-PROGRAMME OF NOAA,DEPT.OF COMMERCE

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

DEVELOP LONG-TERM BASELINE DATA FOR THE SOUTHERN CALIFORNIA, DETERMINE INCIDENCE OF POLLUTANTS &/OR NUTRIENTS, PERFORM BIOASSAY/TOXICITY STUDIES, PREDICT ENVIRONMENTAL IMPACTS, FURNISH PLANNING INFORMATION

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD (N)	PRESERVATION METHOD (I)	SAMPLE ORIGIN (FIELD)	HU	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	COMP	INHB	PUBLSH	BIOASSAYS TOX	BIOASSAYS FOOD	GEOGRAPHIC AREA	WAT COD
ACARTIA TONSA	DIELDRIN	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	DDE-PP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	DDT-PP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	DDT-OP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	DDT-TOTAL	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	CHLORDANE	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	ENDRIN	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	TOXAPHENE	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	LINDANE	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	METHOXYCHLOR	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	HEPTACHLOR	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	ALDRIN	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	AROCHLOR 1254	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	AROCHLOR 1260	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	BHC	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	HEPTACHLOR EPO	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	KELTHANE	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	MERCURY-TOTAL	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	COPPER	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	ZINC	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	CHROMIUM	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	CADMIUM	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	ARSENIC	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	NICKEL	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	IRON	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	LEAD	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	AROCHLOR 1242	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ACARTIA TONSA	DDD-PP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	DIELDRIN	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	DDE-PP	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	DDT-PP	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	DDT-OP	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	DDT-TOTAL	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	CHLORDANE	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	ENDRIN	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	TOXAPHENE	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	LINDANE	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	METHOXYCHLOR	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	HEPTACHLOR	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	ALDRIN	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	AROCHLOR 1254	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	AROCHLOR 1260	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	BHC	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	HEPTACHLOR EPO	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	KELTHANE	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	MERCURY-TOTAL	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	COPPER	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	ZINC	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	CHROMIUM	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	CADMIUM	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	ARSENIC	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	NICKEL	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	IRON	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	LEAD	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	AROCHLOR 1242	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
ANCHOA COMPRESSA	DDD-PP	X		X	X	X					X	72		X		X	X	X	NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	DIELDRIN	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	DDE-PP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	DDT-PP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	DDT-OP	X			X	X		30	12		X	71		X		X	X	X	NORTHERN PACIFIC	231

ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES,CALIF. 90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS

DATA VALID AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD (ICED)	SAMPLE ORIGIN (FIELD)	HUC OCCUP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S (NWATER)	RAW DATA YR ST	YR EN	COMP	INDV	PUBLSH	BIOASSAYS TOXCTY	FOOD CHAIN	OTHER	GEOGRAPHIC AREA	WAT COD
CALLIANASSA CALIFOR	DDT-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	CHLORDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	ENDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	TOXAPHENE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	LINDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	METHOXYCHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	HEPTACHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	ALDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	AROCHLOR 1254	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	AROCHLOR 1260	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	BHC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	HEPTACHLOR EPO	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	KELTHANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	MERCURY-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	COPPER	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	ZINC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	CHROMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	CADMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	ARSENIC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	NICKEL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	IRON	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	LEAD	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	AROCHLOR 1242	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CALLIANASSA CALIFOR	DDD-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	DIELDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	DDE-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	DDT-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	DDT-OP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	DDT-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	CHLORDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	ENDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	TOXAPHENE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	LINDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	METHOXYCHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	HEPTACHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	ALDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	AROCHLOR 1254	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	AROCHLOR 1260	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	BHC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	HEPTACHLOR EPO	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	KELTHANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	MERCURY-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	COPPER	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	ZINC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	CHROMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	CADMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	ARSENIC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	NICKEL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	IRON	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	LEAD	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	AROCHLOR 1242	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CAPITELLA CAPITATA	DDD-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	DIELDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	DDE-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	DDT-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	DDT-OP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	DDT-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	CHLORDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	ENDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	TOXAPHENE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	LINDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	METHOXYCHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	HEPTACHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	ALDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	AROCHLOR 1254	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	AROCHLOR 1260	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	BHC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	HEPTACHLOR EPO	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	KELTHANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	MERCURY-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	COPPER	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	ZINC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	CHROMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	CADMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	ARSENIC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	NICKEL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	IRON	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	LEAD	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	AROCHLOR 1242	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CERIANTHUS SPP.	DDD-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231

DATE 771208 INSTITUTE(625) UNIVERSITY OF SOUTHERN CALIFORNIA UNITED STATES
ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES,CALIF.90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS DATA VALID AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEV ST G	PRESERVATION METHOD NOT TD	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCTLR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CIONA INTESTINALIS	DIELDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	DDE-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	DDT-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	DDT-OP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	DDT-TOTAL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	CHLORDANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	ENDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	TOXAPHENE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	LINDANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	METHOXYCHLOR	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	HEPTACHLOR	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	ALDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	AROCHLOR 1254	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	AROCHLOR 1260	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	BHC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	HEPTACHLOR EPO	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	KELTHANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	MERCURY-TOTAL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	COPPER	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	ZINC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	CHROMIUM	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	CADMIUM	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	ARSENIC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	NICKEL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	IRON	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	LEAD	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	AROCHLOR 1242	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIONA INTESTINALIS	DDD-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	DIELDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	DDE-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	DDT-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	DDT-OP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	DDT-TOTAL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	CHLORDANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	ENDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	TOXAPHENE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	LINDANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	METHOXYCHLOR	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	HEPTACHLOR	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	ALDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	AROCHLOR 1254	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	AROCHLOR 1260	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	BHC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	HEPTACHLOR EPO	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	KELTHANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	MERCURY-TOTAL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	COPPER	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	ZINC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	CHROMIUM	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	CADMIUM	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	ARSENIC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	NICKEL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	IRON	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	LEAD	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	AROCHLOR 1242	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CIRRIFORMIA LUXURIO	DDD-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	DIELDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	DDE-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	DDT-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	DDT-OP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	DDT-TOTAL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	CHLORDANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	ENDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	TOXAPHENE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	LINDANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	METHOXYCHLOR	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	HEPTACHLOR	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	ALDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	AROCHLOR 1254	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	AROCHLOR 1260	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	BHC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	HEPTACHLOR EPO	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	KELTHANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	MERCURY-TOTAL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	COPPER	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	ZINC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	CHROMIUM	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	CADMIUM	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	ARSENIC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	NICKEL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231

ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES,CALIF.90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS DATA VALED AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	PRESERVATION METHOD: NOT	PRESERVATION METHOD: ICED	SAMPLE ORIGIN: FIELD	SIMWATER	RAW DATA: YR ST	RAW DATA: COMP	RAW DATA: PUBLSH	BIOASSAYS: TOXCHTY	BIOASSAYS: FODCHN	GEOGRAPHIC AREA	WAT COD
CYMATOGASTER AGGREG	IRON	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	LEAD	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	AROCHLOR 1242	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
CYMATOGASTER AGGREG	DDD-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	DIELDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	DDE-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	DDT-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	DDT-OP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	DDT-TOTAL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	CHLORDANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	ENDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	TOXAPHENE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	LINDANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	METHOXYCHLOR	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	HEPTACHLOR	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	ALDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	AROCHLOR 1254	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	AROCHLOR 1260	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	BHC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	HEPTACHLOR EPO	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	KELTHANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	MERCURY-TOTAL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	COPPER	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	ZINC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	CHROMIUM	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	CADMIUM	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	ARSENIC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	NICKEL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	IRON	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	LEAD	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	AROCHLOR 1242	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
ENGRAULIS MORDAX	DDD-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	DIELDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	DDE-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	DDT-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	DDT-OP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	DDT-TOTAL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	CHLORDANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	ENDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	TOXAPHENE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	LINDANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	METHOXYCHLOR	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	HEPTACHLOR	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	ALDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	AROCHLOR 1254	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	AROCHLOR 1260	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	BHC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	HEPTACHLOR EPO	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	KELTHANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	MERCURY-TOTAL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	COPPER	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	ZINC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	CHROMIUM	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	CADMIUM	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	ARSENIC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	NICKEL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	IRON	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	LEAD	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	AROCHLOR 1242	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
FUNDULUS PARVIPINNU	DDD-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	DIELDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	DDE-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	DDT-PP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	DDT-OP	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	DDT-TOTAL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	CHLORDANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	ENDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	TOXAPHENE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	LINDANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	METHOXYCHLOR	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	HEPTACHLOR	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	ALDRIN	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	AROCHLOR 1254	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	AROCHLOR 1260	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	BHC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	HEPTACHLOR EPO	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	KELTHANE	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	MERCURY-TOTAL	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	COPPER	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	ZINC	X	X	X	X	X	72	X	X	X	X	NORTHERN PACIFIC	231

DATE 771208 INSTITUTE(625) UNIVERSITY OF SOUTHERN CALIFORNIA
ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES, CALIF. 90007

UNITED STATES

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS

DATA VALID AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN (LENGTH / WEIGHT / AGE / DEVSTG)	PRESERVATION METHOD: NOT	ICED	FROZEN / SALTED / DRIED / FORMLN / ALCOHL / OTHER	SAMPLE ORIGIN: FIELD	COMRCL / AQCULTR / OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
GENYONEMUS LINEATUS	CHROMIUM	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	CADMIUM	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	ARSENIC	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	NICKEL	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	IRON	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	LEAD	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	AROCHLOR 1242	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
GENYONEMUS LINEATUS	DDD-PP	X		X	X		X						X	72		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	DIELDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	DDE-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	DDT-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	DDT-OP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	DDT-TOTAL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	CHLORDANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	ENDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	TOXAPHENE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	LINDANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	METHOXYCHLOR	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	HEPTACHLOR	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	ALDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	AROCHLOR 1254	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	AROCHLOR 1260	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	BHC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	HEPTACHLOR EPO	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	KELTHANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	MERCURY-TOTAL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	COPPER	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	ZINC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	CHROMIUM	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	CADMIUM	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	ARSENIC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	NICKEL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	IRON	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	LEAD	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	AROCHLOR 1242	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
LUMBRINERIS SPP.	DDD-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	DIELDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	DDE-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	DDT-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	DDT-OP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	DDT-TOTAL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	CHLORDANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	ENDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	TOXAPHENE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	LINDANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	METHOXYCHLOR	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	HEPTACHLOR	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	ALDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	AROCHLOR 1254	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	AROCHLOR 1260	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	BHC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	HEPTACHLOR EPO	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	KELTHANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	MERCURY-TOTAL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	COPPER	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	ZINC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	CHROMIUM	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	CADMIUM	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	ARSENIC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	NICKEL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	IRON	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	LEAD	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	AROCHLOR 1242	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
MACOMA NASUTA	DDD-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	DIELDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	DDE-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	DDT-PP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	DDT-OP	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	DDT-TOTAL	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	CHLORDANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	ENDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	TOXAPHENE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	LINDANE	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	METHOXYCHLOR	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	HEPTACHLOR	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	ALDRIN	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	AROCHLOR 1254	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	AROCHLOR 1260	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	BHC	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	HEPTACHLOR EPO	X			X		X			30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231

ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES, CALIF. 90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS

DATA VALID AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	PRESERVATION METHOD (N)	SAMPLE ORIGIN (F)	NUMB STNS	ANNL FREQ	S (SMWATER)	YR ST	RAW DATA C	RAW DATA P	BIOASSAYS T	BIOASSAYS F	GEOGRAPHIC AREA	WAT COD
NOTOMASTUS TENUIS	KELTHANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	MERCURY-TOTAL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	COPPER	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	ZINC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	CHROMIUM	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	CADMIUM	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	ARSENIC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	NICKEL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	IRON	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	LEAD	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	AROCHLOR 1242	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
NOTOMASTUS TENUIS	DDD-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	DIELDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	DDE-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	DDT-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	DDT-OP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	DDT-TOTAL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	CHLORDANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	ENDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	TOXAPHENE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	LINDANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	METHOXYCHLOR	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	HEPTACHLOR	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	ALDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	AROCHLOR 1254	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	AROCHLOR 1260	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	BHC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	HEPTACHLOR EPO	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	KELTHANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	MERCURY-TOTAL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	COPPER	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	ZINC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	CHROMIUM	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	CADMIUM	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	ARSENIC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	NICKEL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	IRON	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	LEAD	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	AROCHLOR 1242	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
OPHRYOTROCHA LABRON	DDD-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	DIELDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	DDE-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	DDT-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	DDT-OP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	DDT-TOTAL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	CHLORDANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	ENDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	TOXAPHENE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	LINDANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	METHOXYCHLOR	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	HEPTACHLOR	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	ALDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	AROCHLOR 1254	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	AROCHLOR 1260	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	BHC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	HEPTACHLOR EPO	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	KELTHANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	MERCURY-TOTAL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	COPPER	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	ZINC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	CHROMIUM	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	CADMIUM	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	ARSENIC	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	NICKEL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	IRON	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	LEAD	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	AROCHLOR 1242	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PACHYGRAPSUS CRASSI	DDD-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	DIELDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	DDE-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	DDT-PP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	DDT-OP	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	DDT-TOTAL	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	CHLORDANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	ENDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	TOXAPHENE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	LINDANE	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	METHOXYCHLOR	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	HEPTACHLOR	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231
PELECYPOD	ALDRIN	X	X	X	30	12	X	71	X	X	X	X	NORTHERN PACIFIC	231

DATE 771208 INSTITUTE(625) UNIVERSITY OF SOUTHERN CALIFORNIA UNITED STATES
ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES, CALIF. 90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS DATA VALID AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PELECYPOD	ARCCHLOR 1254	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	AROCHLOR 1260	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	BHC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	HEPTACHLOR EPO	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	KELTHANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	MERCURY-TCTAL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	COPPER	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	ZINC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	CHROMIUM	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	CADMIUM	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	ARSENIC	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	NICKEL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	IRON	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	LEAD	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	AROCHLOR 1242	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PELECYPOD	DDD-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	DIELDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	DDE-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	DDT-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	DDT-OP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	DDT-TOTAL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	CHLORDANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	ENDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	TOXAPHENE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	LINDANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	METHOXYCHLOR	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	HEPTACHLOR	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	ALDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	AROCHLOR 1254	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	AROCHLOR 1260	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	BHC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	HEPTACHLOR EPO	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	KELTHANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	MERCURY-TOTAL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	COPPER	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	ZINC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	CHROMIUM	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	CADMIUM	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	ARSENIC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	NICKEL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	IRON	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	LEAD	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	AROCHLOR 1242	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
PHANERODON FURCATUS	DDD-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	DIELDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	DDE-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	DDT-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	DDT-OP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS PCLITUS	DDT-TOTAL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	CHLORDANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS ECLITUS	ENDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	TOXAPHENE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	LINDANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	METHOXYCHLOR	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	HEPTACHLOR	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	ALDRIN	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS PCLITUS	AROCHLOR 1254	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	AROCHLOR 1260	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS PCLITUS	BHC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	HEPTACHLOR EPO	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	KELTHANE	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS ECLITUS	MERCURY-TOTAL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	COPPER	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	ZINC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS ECLITUS	CHROMIUM	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	CADMIUM	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS ECLITUS	ARSENIC	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS EOLITUS	NICKEL	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	IRON	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	LEAD	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	AROCHLOR 1242	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SERIPHUS POLITUS	DDD-PP	X					X	X							X								X	72		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	DIELDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	DDE-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	DDT-PP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	DDT-OP	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	DDT-TOTAL	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	CHLORDANE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	ENDRIN	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	TOXAPHENE	X						X							X					30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231

ALLAN HANCOCK FOUNDATION
HARBORS ENVIRONMENTAL PROJECTS
LOS ANGELES, CALIF. 90007

PROJECT(C39) - HARBORS ENVIRONMENTAL PROJECTS DATA VALID AS OF 05/04/77

HOST SUBSTANCE	CONTAMINANT	C ALBRTD	SAMPLE DESCRPTN	PRESERVATION METHOD: ICED	SAMPLE ORIGIN: FIELD	H UMCOMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S IMWATER	RAW DATA: YR ST	YR EN	C OMPS	I	P UBLSH	BIOASSAYS: T OXCTY	F DCHN	O	GEOGRAPHIC AREA	WAT COD
SIGAMBRA TENTACULAT	LINDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	BETHOXYCHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	HEPTACHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	ALDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	AROCHLOR 1254	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	AROCHLOR 1260	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	BHC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	HEPTACHLOR EPO	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	KELTHANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	MERCURY-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	COPPER	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	ZINC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	CHROMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	CADMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	ARSENIC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	NICKEL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	IRON	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	LEAD	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	AROCHLOR 1242	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
SIGAMBRA TENTACULAT	DDD-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	DIELDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	DDE-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	DDT-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	DDT-OP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	DDT-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	CHLORDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	ENDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	TOXAPHENE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	LINDANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	METHOXYCHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	HEPTACHLOR	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	ALDRIN	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	ARCCHLOR 1254	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	ARCCHLOR 1260	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	BHC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	HEPTACHLOR EPO	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	KELTHANE	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	MERCURY-TOTAL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	COPPER	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	ZINC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	CHROMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	CADMIUM	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	ARSENIC	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	NICKEL	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	IRON	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	LEAD	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	AROCHLOR 1242	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231
TISBE SPP.	DDD-PP	X		X	X		30	12		X	71		X		X	X	X		NORTHERN PACIFIC	231

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

MARINE STUDIES OF SAN PEDRO BAY, CALIFORNIA

DATE 771208 INSTITUTE(631) NORTHWEST AND ALASKA FISHERIES CENTER
NATIONAL MARINE FISHERIES SERVICE,NOAA
2725 MONTLAKE BOULEVARD EAST
SEATTLE,WASHINGTON 98112
UNITED STATES

PROJECT(D33) - ENVIRONMENTAL INVESTIGATIONS DATA VALID AS OF 08/04/77

LEADER MALINS D.C. TELEPHONE 2064427737 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 1500000 STAFF OF 78

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/	CONTINUING

SUB-PROGRAMME OF OCSEAP,MESA,DMR-WES

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

THE DETERMINATION OF IMPACTS OF ENVIRONMENTAL STRESSES ON AQUATIC ORGANISMS. FIELD & CLINICAL RESEARCH IS CONDUCTED- MOST STUDIES ARE ON CHRONIC EFFECTS. SUBARCTIC SPECIES OF ORGANISMS ARE STUDIED IN FRESHWATER, ESTUARINE & MARINE ENVIRONMENTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORML	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MYTILUS EDULIS	ALKANES-N-TOTA								X						X					19	4		X	76	78	X						EAST CHINA SEA(I	232
MYTILUS EDULIS	HYDROCARBONS-A								X						X					19	4		X	76	78	X						EAST CHINA SEA(I	232
MYTILUS EDULIS	HYDROCARBONS-P								X						X					19	4		X	76	78	X						EAST CHINA SEA(I	232
MYTILUS EDULIS	ALKANES-N-TOTA								X						X					4	3		X	77	81	X						GULF OF ALASKA	232
MYTILUS EDULIS	HYDROCARBONS-A								X						X					4	3		X	77	81	X						GULF OF ALASKA	232
MYTILUS EDULIS	HYDROCARBONS-P								X						X					4	3		X	77	81	X						GULF OF ALASKA	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

TECHNICAL AND ANNUAL REPORTS OCSEAP,MESA,WES ETC.

NOAA-NMFS
FAIRBANKS,ALASKA 99701

PROJECT(054) - MERCURY IN TOPTROPHIC CONSUMERS FROM SEAS NEAR ALASKA DATA VALID AS OF 02/06/75

LEADER WILLIAM A. GALSTER TELEPHONE 4797165 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/71
OPERATICNAL	/71	/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PRCJECT

MERCURY ACCUMULATION IN SEALS, WHALES, HUMANS HAVE BEEN MADE TO ASSESS POSSIBLE PROBLEMS FOR ESKIMOS WHO USE THEM EXTENSIVELY FOR F OOD

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOTED	ICED	FROZEN	SALTED	DRIED	FORMALIN	ALCOHOL	OTHER	SAMPLE ORIGIN: FIELD	COMMERCL	AQCULTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
BALAENA MYSTICETUS	MERCURY-TCTAL	X		X	X				X						X				X	3				71	75	X						BEAUFORT SEA	233
CALLORHINUS JUBATA	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X			X			BERING SEA	233
DELPHINAPTERUS LEUC	DIELDRIN	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
DELPHINAPTERUS LEUC	DDT-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
DELPHINAPTERUS LEUC	PCB'S	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
DELPHINAPTERUS LEUC	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ERIGNATHUS BARBATUS	DIELDRIN	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ERIGNATHUS BARBATUS	DDT-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ERIGNATHUS BARBATUS	PCB'S	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ERIGNATHUS BARBATUS	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
EUMETOPIAS JUBATA	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ODOBENUS RCSMARUS	DIELDRIN	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ODOBENUS ROSMARUS	DDT-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ODOBENUS RCSMARUS	PCB'S	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
ODOBENUS ROSMARUS	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
PHOCA FAECIATA	DIELDRIN	X		X	X				X						X				X	3				71	75	X						BEAUFORT SEA	233
PHOCA FAECIATA	DDT-TOTAL	X		X	X				X						X				X	3				71	75	X						BEAUFORT SEA	233
PHOCA FAECIATA	PCB'S	X		X	X				X						X				X	3				71	75	X						BEAUFORT SEA	233
PHOCA FAECIATA	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X						BEAUFORT SEA	233
PHOCA HISPIDA	DIELDRIN	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
PHOCA HISPIDA	DDT-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
PHOCA HISPIDA	PCB'S	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
PHOCA HISPIDA	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X						BERING SEA	233
PHOCA VITULINA	DIELDRIN	X		X	X				X						X				X	3				71	75	X			X			BERING SEA	232
PHOCA VITULINA	DDT-TOTAL	X		X	X				X						X				X	3				71	75	X			X			BERING SEA	232
PHOCA VITULINA	PCB'S	X		X	X				X						X				X	3				71	75	X			X			BERING SEA	232
PHOCA VITULINA	MERCURY-TOTAL	X		X	X				X						X				X	3				71	75	X			X			BERING SEA	232
URSUS MARITIMUS	DIELDRIN	X		X	X				X						X				X	2				71	75	X						BEAUFORT SEA	233
URSUS MARITIMUS	DDT-TOTAL	X		X	X				X						X				X	2				71	75	X						BEAUFORT SEA	233
URSUS MARITIMUS	PCB'S	X		X	X				X						X				X	2				71	75	X						BEAUFORT SEA	233
URSUS MARITIMUS	MERCURY-TOTAL	X		X	X				X						X				X	2				71	75	X						BEAUFORT SEA	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(636) OCEANIC INSTITUTE UNITED STATES
MAKAPUU OCEANIC CENTER
WAIMANALO,HAWAII 96795

PROJECT(C07) - PESTICIDES & BIOASSAYS OF AQUACULTURE SPECIES DATA VALID AS OF 11/04/77

LEADER COLIN E.NASH TELEPHONE 8082597951 TELEX/CABLE OCEAN INST.

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 40000 STAFF CF 2

PROJECT STATUS	START DATE	END DATE
PLANNING	/72	/75
OPERATIONAL	/	CONTINUING

PURPOSE OF PROJECT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C A L B R T D	SAMPLE DESCRPTN (L W A D)	PRESERVATION METHOD	SAMPLE ORIGIN	H U M C O N S P	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S I M W A T E R	RAW DATA YR ST	YR EN	C O M P S	I N H S E	P U B L S H	BIOASSAYS T O X C T Y	F O D C H N	O T H B I O	GEOGRAPHIC AREA	WAT COD
MUGIL CEPHALUS	MIREX	X	X X X X X		X X			1	10	X	72	75		X	X	X			NORTHERN PACIFIC	230
MUGIL CEPHALUS	METHOXYCHLOR	X	X X X X X		X X			1	10	X	72	75		X	X	X			NORTHERN PACIFIC	230

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

EPA REPORTS-J.FISH BIOL.

DATE 771208 INSTITUTE(640) AQUATIC ECOLOGY LABORATORY UNITED STATES

DEPARTMENT OF FORESTRY AND NATURAL RESOURCES
PURDUE UNIVERSITY
LAFAYETTE, INDIANA 47907

PROJECT(034) - CHEMICAL EFFECTS ON WABASH RIVER ECOSYSTEM DATA VALID AS OF 04/05/77

LEADER ANNE SPACIE TELEPHONE 4948616 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/73	/74
OPERATIONAL	/74	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

TO EXAMINE THE EXTENT TO WHICH SPECIFIC CHEMICAL MANUFACTURING WASTES ACCUMULATE IN THE FISH AND FOOD CHAIN ORGANISMS OF THE WABASH RIVER AND TO DETERMINE ECOSYSTEM EFFECTS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP.	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CAMBARUS SPP.	HERBICIDES	X							X						X					8	10	30		74			X				X	UNITED STATES	212
CARPIODES SPP.	HERBICIDES	X	X	X	X				X						X	X			X	8	20	50		74		X	X					UNITED STATES	212
CHLOROPHYCEAE	HERBICIDES	X							X						X					8	10						X					UNITED STATES	212
CYPRINIDAE	HERBICIDES	X							X						X					8	10	60					X					UNITED STATES	212
CYPRINUS CARPIO	HERBICIDES	X	X	X	X				X						X	X			X	8	20	50		74		X	X				X	UNITED STATES	212
DIPTERA SPP.	HERBICIDES	X							X						X					8	10						X					UNITED STATES	212
DOROSOMA CEPEDIANUM	HERBICIDES	X							X						X					8	10	50					X					UNITED STATES	212
EPHEMEROPTERA	HERBICIDES	X							X						X					8	10	1000		74			X					UNITED STATES	212
ICTALURUS PUNCTATUS	HERBICIDES	X	X	X	X				X						X	X			X	8	20	10		74		X	X					UNITED STATES	212
ICTIOBUS SPP.	HERBICIDES	X	X	X	X				X						X	X			X	8	20	50		74		X	X					UNITED STATES	212
MOXOSTOMA ERYTHRURU	HERBICIDES	X	X	X	X	X			X						X	X			X	8	20	100		74		X	X				X	UNITED STATES	212
MOXOSTOMA MACROLEPI	HERBICIDES	X	X	X	X	X			X						X	X			X	8	20	100		74		X	X				X	UNITED STATES	212
STIZOSTEDION CANADE	HERBICIDES	X	X	X	X	X			X						X	X			X	8	20	200	X	73		X	X				X	UNITED STATES	212
STIZOSTEDION CANADE	MERCURY-INORGA		X	X	X	X			X						X	X			X	8	20	200	X	73		X	X				X	UNITED STATES	212
STIZOSTEDION CANADE	MERCURY-ORGANI		X	X	X	X			X						X	X			X	8	20	200	X	73		X	X				X	UNITED STATES	212
STIZOSTEDICN CANADE	MERCURY-TOTAL		X	X	X	X			X						X	X			X	8	20	200	X	73		X	X				X	UNITED STATES	212
TRICHOPTERA	HERBICIDES	X							X						X					8	10	1200		74			X					UNITED STATES	212
UNIONACEA	HERBICIDES	X							X						X					8	10	30		74			X				X	UNITED STATES	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(643) IOWA COOPERATIVE FISHERY UNIT UNITED STATES
SCIENCE HALL N.2,ISU
AMES,IOWA 50011

PROJECT(C48) - PESTICIDE LEVELS IN DES MOINES RIVER FISHES DATA VALID AS OF 24/05/77

LEADER ROSS V.BULKLEY TELEPHONE 5152943057 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	03/77	09/77

PURPOSE OF PROJECT

TO EVALUATE THE LEVELS OF PESTICIDES, DIELDRIN, DDT, PCB'S WHICH MIGHT PREVENT USE OF FISHES FROM DES MOINES RIVER, IOWA IN IMPOUNDED AREAS FROM BEING USED AS FOOD OR SPORT FISHES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRC-L	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CYPRINUS CARPIO	DIELDRIN		X	X	X	X			X						X					5		3		77	77		X					UNITED STATES	212
CYPRINUS CARPIO	DDT-TOTAL		X	X	X	X			X						X					5		3		77	77		X					UNITED STATES	212
CYPRINUS CARPIO	PCB'S		X	X	X	X			X						X					5		3		77	77		X					UNITED STATES	212
ICTALURUS PUNCTATUS	DIELDRIN		X	X	X	X			X						X					5		3		77	77		X					UNITED STATES	212
ICTALURUS PUNCTATUS	DDT-TOTAL		X	X	X	X			X						X					5		3		77	77		X					UNITED STATES	212
ICTALURUS PUNCTATUS	PCB'S		X	X	X	X			X						X					5		3		77	77		X					UNITED STATES	212
POMOXIS ANNULARIS	DIELDRIN		X	X		X			X						X					5		3		77	77		X					UNITED STATES	212
POMOXIS ANNULARIS	DDT-TOTAL		X	X		X			X						X					5		3		77	77		X					UNITED STATES	212
POMOXIS ANNULARIS	PCB'S		X	X		X			X						X					5		3		77	77		X					UNITED STATES	212
STIZOSTEDION VITREU	DIELDRIN		X	X		X			X						X					5		3		77	77		X					UNITED STATES	212
STIZOSTEDION VITREU	DDT-TOTAL		X	X		X			X						X					5		3		77	77		X					UNITED STATES	212
STIZOSTEDION VITREU	PCB'S		X	X		X			X						X					5		3		77	77		X					UNITED STATES	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(643) IOWA COOPERATIVE FISHERY UNIT
SCIENCE HALL N.2,ISU
AMES,IOWA 50011
UNITED STATES

PROJECT(049) - CONTAMINATION OF CATFISH FROM AGRICULTURE RUNOFF DATA VALID AS OF 15/06/77

LEADER ROSS V.BULKLEY TELEPHONE 2943057 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	06/71	06/74

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

MONITOR DIELDRIN/DDT IN RIVER WATER/FISH/FISHFOOD, DETERMINE RELATION BETWEEN DIELDRIN CONCENTRATION & ENVIRONMENTAL/PHYSIOLOGICAL FACTORS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP.	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
ICTALURUS PUNCTATUS	DIELDRIN	X	X	X	X	X			X						X					1	5	32	X	71	73		X	X				UNITED STATES	211
ICTALURUS PUNCTATUS	DDT-TOTAL	X	X	X	X	X			X						X					1	5	32	X	71	73		X	X				UNITED STATES	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PEST.MONIT.JOURN. 9(4):186-194-TRANS.AM.FISH.SOC.105(2):301-307

DATE 771208 INSTITUTE(645) FISHERIES RESEARCH LABORATORY UNITED STATES
SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, ILLINOIS 62901

PROJECT(043) - FISHERIES INVESTIGATIONS GENERAL DATA VALID AS OF 20/05/75

LEADER DRS. LEWIS AND HEIDINGER TELEPHONE 5367761 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	05/75	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

IDENTIFY/SOLVE FISH CULTURE/MANAGEMENT PROBLEMS. MONITORING OF POLLUTANTS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	NAT COD
FISHES-FRESHWATER N	COPPER	X	X	X	X	X			X			X			X		X		X									X				UNITED STATES	210
FISHES-FRESHWATER N	ZINC	X	X	X	X	X			X			X			X		X		X									X				UNITED STATES	210
FISHES-FRESHWATER N	DISEASES	X	X	X	X	X			X			X			X		X		X									X				UNITED STATES	210
FISHES-FRESHWATER N	PARASITES	X	X	X	X	X			X			X			X		X		X									X				UNITED STATES	210

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT(032) - NATIONAL PESTICIDE MONITORING PROGRAMME DATA VALID AS OF 23/03/77

LEADER C.R.WALKER,D.WHITE,L.LUDKE TELEPHONE 2023434670 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 500000 STAFF OF 10

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	09/67	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

THE OBJECTIVE IS TO ASCERTAIN, ON A NATIONAL SCALE, THE AMOUNTS OF PESTICIDES & CONTAMINANTS IN SOME FISH, BIRDS & MAMMALS. TESTING IS DONE THROUGH REPEATED SAMPLING OVER TIME

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE		CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-FRESHWATER	N	CHLORDANE-OXY		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	BHC-ALPHA	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	BHC-GAMMA	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	DIELDRIN	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	DDE-PP	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	TDE-PP	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	DDT-PP	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	DDT-OP	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	DDT-TOTAL	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	ENDOSULFAN	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	CHLORDANE	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	TOXAPHENE		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HEPTACHLOR		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HERBICIDES	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	PCB'S	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	PCP	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HEXACHLORNOBOR		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HEXACHLORBENZE		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	NORBORENADIENE		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HALOGENATED AL	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HALOGENATED AR	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HALOGENATED PH	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	PHTHALATE ESTE	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	HEPTACHLOR EPO		X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	MERCURY-TOTAL	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	CADMIUM	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	ARSENIC	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	SELENIUM	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301
FISHES-FRESHWATER	N	LEAD	X	X	X		X			X						X					100	1	300	X	67			X	X	X	X	X		301

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PESTICIDE MONITORING JOURNAL

DATE 771208 INSTITUTE (647) DEPARTMENT OF ZOOLOGY
BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH 84602
UNITED STATES

PROJECT (052) - STUDIES OF POLLUTANTS IN UTAH LAKE DATA VALID AS OF 22/05/75

LEADER WHITE, BRADSHAW, RUSHFORTH, B TELEPHONE 3741211 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/68	/69
OPERATIONAL	/69	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

BASELINE INFORMATION FOR WATER QUALITY, INDICATOR SPECIES IN LAKE, MOVEMENTS OF FISHES, ACCUMULATION OF POLLUTANTS BY AQUATIC ANIMALS AND SPECIES COMPOSITION

DETAILS OF DATA COLLECTION/STORAGE

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HOST SUBSTANCE   CONTAMINANT   C SAMPLE   PRESERVATION      SAMPLE  H NUMB ANNL NUMBER S  RAW DATA    BIOAS- GEOGRAPHIC  WAT
                               A DESCRPTN METHOD            ORIGIN  U STNS FREQ /YEAR I              SAYS   AREA       COD
                               L  L W A D N I F S D F A O   F C A O M                  M YR YR C I P  T F O
                               B  E E G E O C R A R O L T   I O Q T C                  W ST EN O N U  O D T
                               R  N I E V T E O L I R C H   E M C H O                  A       M H B  X C H
                               T  G G   S   D Z T E M O E   L R L E N                  T       P S L  C H B
                               D  T H   T     E E D L H R   D C T R S                  E         E S  T N I
                                  H T   G     N D   N L       L R   P                  R           H  Y   O
```

HOST SUBSTANCE	CONTAMINANT	CALBRTD	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	FLUORIDE	X	UNITED STATES	211
FISHES-MARINE N.E.I	FLUORIDE	X	UNITED STATES	211
FISHES-MARINE N.E.I	CYANIDE	X	UNITED STATES	211
FISHES-MARINE N.E.I	CYANIDE	X	UNITED STATES	211
FISHES-MARINE N.E.I	LEAD	X	UNITED STATES	211
FISHES-MARINE N.E.I	LEAD	X	UNITED STATES	211
FISHES-MARINE N.E.I	SR-90	X	UNITED STATES	211
FISHES-MARINE N.E.I	SR-90	X	UNITED STATES	211
FISHES-MARINE N.E.I	PARASITES	X	UNITED STATES	211
FISHES-MARINE N.E.I	PARASITES	X	UNITED STATES	211
FISHES-MARINE N.E.I	BACTERIA	X	UNITED STATES	211
FISHES-MARINE N.E.I	BACTERIA	X	UNITED STATES	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

UNIVERSITY OF TEXAS
P.O. BOX 1267, PORT ARANSAS, TEXAS 78373

PROJECT(045) - CHEMICAL AND BIOLOGICAL SURVEY OF TEXAS CONTINENTAL SHELF DATA VALID AS OF 16/05/75

LEADER PATRICK L. PARKER TELEPHONE 5127496811 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL /74 CONTINUING

SUB-PROGRAMME OF SOUTH TEXAS OCS

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

STUDY/UNDERSTAND THE IMPACT OF OFFSHORE DRILLING IN THE GULF OF MEXICO.- THE CHEMICAL COMPONENT SPECIFICALLY DEALS WITH TRACE METAL & HYDROCARBON CONTAMINANT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CALLINECTES SPP.	ALKANES-N-TOTA	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	HYDROCARBONS-A	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	COPPER	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	ZINC	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	CHROMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	CADMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	NICKEL	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	VANADIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CALLINECTES SPP.	LEAD	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CENTROPRISTIS PHILA	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	ALKANES-N-TOTA	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	HYDROCARBONS-A	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	COPPER	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	ZINC	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	CHROMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	CADMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	NICKEL	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	VANADIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION ARENARIUS	LEAD	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	ALKANES-N-TOTA	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	HYDROCARBONS-A	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	COPPER	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	ZINC	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	CHROMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	CADMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	NICKEL	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	VANADIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
CYNOSCION NOTHUS	LEAD	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	ALKANES-N-TOTA	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	HYDROCARBONS-A	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	COPPER	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	ZINC	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	CHROMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	CADMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	NICKEL	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	VANADIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLIGO PEALEI	LEAD	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	ALKANES-N-TOTA	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	HYDROCARBONS-A	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	COPPER	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	ZINC	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	CHROMIUM	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	CADMIUM	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	NICKEL	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	VANADIUM	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LOLLIGUNCULA BREVIS	LEAD	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	ALKANES-N-TOTA	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	HYDROCARBONS-A	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	COPPER	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	ZINC	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	CHROMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	CADMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	NICKEL	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
LUTJANUS CAMPECHANU	VANADIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233

DATE 771208 INSTITUTE(657) MARINE SCIENCE INSTITUTE UNITED STATES

UNIVERSITY OF TEXAS
P.O. BOX 1267, PORT ARANSAS, TEXAS 78373

PROJECT(045) - CHEMICAL AND BIOLOGICAL SURVEY OF TEXAS CONTINENTAL SHELF DATA VALID AS OF 16/05/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOTTREATED	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCHOL	OTHER	SAMPLE ORIGIN: FIELD	COMMERCL	AQUACULTR	OTHER	HUMNCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LUTJANUS CAMPECHANU	LEAD	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	ALKANES-N-TOTA	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	HYDROCARBONS-A	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	COPPER	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	ZINC	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	CHROMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	CADMIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	NICKEL	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	VANADIUM	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
MICROPOGON UNDULATU	LEAD	X	X	X					X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	ALKANES-N-TOTA	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	HYDROCARBONS-A	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	COPPER	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	ZINC	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	CHROMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	CADMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	NICKEL	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	VANADIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS AZTECUS	LEAD	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	ALKANES-N-TOTA	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	HYDROCARBONS-A	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	COPPER	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	ZINC	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	CHROMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	CADMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	NICKEL	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	VANADIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PENAEUS(LITOPENAEUS	LEAD	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRIONOTUS PARALATUS	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
PRISTIPOMOIDES AQUI	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SERRANUS ATROBRANCH	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	ALKANES-N-TOTA	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	HYDROCARBONS-A	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	COPPER	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	ZINC	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	CHROMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	CADMIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	NICKEL	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	VANADIUM	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SICYONIA SPP.	LEAD	X							X						X				X	12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	ALKANES-N-TOTA	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	HYDROCARBONS-A	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	COPPER	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	ZINC	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	CHROMIUM	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	CADMIUM	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	NICKEL	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	VANADIUM	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SQUILLA EMPUSA	LEAD	X							X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
STENOTOMUS CAPRINUS	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233

DATE 771208 INSTITUTE(657) MARINE SCIENCE INSTITUTE
UNIVERSITY OF TEXAS
P.O. BOX 1267, PORT ARANSAS, TEXAS 78373
UNITED STATES

PROJECT(045) - CHEMICAL AND BIOLOGICAL SURVEY OF TEXAS CONTINENTAL SHELF DATA VALID AS OF 16/05/79

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HU MCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SI MWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
STENOTOMUS CAPRINUS	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
SYACIUM SPP.	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	ALKANES-N-TOTA	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	HYDROCARBONS-A	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	COPPER	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	ZINC	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	CHROMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	CADMIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	NICKEL	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	VANADIUM	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233
TRACHURUS LATHAMI	LEAD	X	X	X					X						X					12	3	72	X	74			X					CARIBBEAN SEA AN	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(661) SCHOOL OF OCEANOGRAPHY
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331
UNITED STATES

PROJECT(848) -
DATA VALID AS OF 26/03/77

LEADER
TELEPHONE 5837542601 TELEX/CABLE

FUNDING - NATIONAL CURRENCY
US DOLLAR EQUIVALENT -
STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/	CONTINUING

PURPOSE OF PROJECT

RESEARCH CN CONTAMINANTS HAS BEEN FUNDED IN THE PAST BY ERDA AND IDOE. WE HAVE NO ACTIVE GRANT ON CONTRACT NOW

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SINWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MERLUCCIUS PRODUCTU	MERCURY-TOTAL		X						X						X	X			X	10	1	2		69	76			X				NORTHERN PACIFIC	226
MERLUCCIUS PRODUCTU	ZINC		X						X						X	X			X	10	1	2		69	76			X				NORTHERN PACIFIC	226
MERLUCCIUS PRODUCTU	CADMIUM		X						X						X	X			X	10	1	2		69	76			X				NORTHERN PACIFIC	226
MERLUCCIUS PRODUCTU	ZN-65		X						X						X	X			X	10	1	2		69	76			X				NORTHERN PACIFIC	226

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

FISHERY BULLETIN U.S.

COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

PROJECT(124) - RADIONUCLIDES STUDIES IN AMCHITKA/MARSHALL ISLANDS DATA VALID AS OF 10/09/75

LEADER A.H. SEYMOUR/V.A. NELSON TELEPHONE 2065434259 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	07/66	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DOCUMENT THE AMOUNTS/KINDS OF RADIONUCLIDES, BOTH NATURAL AND MAN-PRODUCED, PRESENT IN THE ENVIRONMENT AT AMCHITKA ISLAND IN THE ALEUTIANS AND IN THE MARSHALL ISLANDS, ESPECIALLY BIKINI AND ENEWETAK ATOLLS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FDCHNO	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
ACANTHURUS TRIOSTEG	GAMMA ACTIVITY	X	X						X						X				X	5	1	50					X	X				MARSHALL ISLANDS	231
ACANTHURUS TRIOSTEG	SR-90		X						X						X				X	5	1	50					X	X				MARSHALL ISLANDS	231
ACANTHURUS TRIOSTEG	FE-55		X						X						X				X	5	1	50					X	X				MARSHALL ISLANDS	231
CARANX SPP.	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
CHIONOECETES TANNER	GAMMA ACTIVITY	X	X						X		X				X				X	1	1	1		70			X	X				NORTHERN PACIFIC	233
CRENIMUGIL CRENILAB	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
EUTHYNNUS YAITO	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
EUTHYNNUS YAITO	SR-90		X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
EUTHYNNUS YAITO	FE-55		X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
FUCUS SPP.	GAMMA ACTIVITY	X		X					X						X					4	1	4		76	76	X	X	X			X	GULF OF ALASKA	232
FUCUS SPP.	H-3			X					X						X					4	1	4		76	76	X	X	X			X	GULF OF ALASKA	232
FUCUS SPP.	PW-239,240			X					X						X					4	1	4		76	76	X	X	X			X	GULF OF ALASKA	232
GADUS MACROCEPHALUS	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
GYMNOSARDA NUDA	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
GYMNOSARDA NUDA	SR-90		X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
GYMNOSARDA NUDA	FE-55		X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
HALIMEDA SPP.	GAMMA ACTIVITY	X							X						X					5	1	5					X	X				MARSHALL ISLANDS	231
HEXAGRAMMOS CEPHALI	GAMMA ACTIVITY	X	X						X						X				X	4	1	18		76	76	X	X	X			X	GULF OF ALASKA	232
HEXAGRAMMOS CEPHALI	H-3		X						X						X				X	4	1	18		76	76	X	X	X			X	GULF OF ALASKA	232
HEXAGRAMMOS CEPHALI	PW-239,240		X						X						X				X	4	1	18		76	76	X	X	X			X	GULF OF ALASKA	232
HEXAGRAMMOS LAGOCEP	GAMMA ACTIVITY	X	X						X		X				X				X	3	3	25	X	70			X	X				NORTHERN PACIFIC	232
HEXAGRAMMOS LAGOCEP	FE-55		X						X		X				X				X	3	3	25	X	70			X	X				NORTHERN PACIFIC	232
HIPPOGLOSSUS STENOL	GAMMA ACTIVITY	X	X						X		X				X				X	2	2	10		70			X	X				NORTHERN PACIFIC	233
HIPPOGLOSSUS STENOL	FE-55		X						X		X				X				X	2	2	10		70			X	X				NORTHERN PACIFIC	233
HIPPOPUS SPP.	GAMMA ACTIVITY	X	X						X						X					5	1	5					X	X				MARSHALL ISLANDS	231
HOLOTHURIA SPP.	GAMMA ACTIVITY	X							X						X					5	1	5					X	X				MARSHALL ISLANDS	231
LEPIDOPSETTA BILINE	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
LITHODES AEQUISPINA	GAMMA ACTIVITY	X	X						X		X				X				X	1	1	5		70			X	X				NORTHERN PACIFIC	233
LUTJANUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
MULLOIDICHTHYS SAMO	GAMMA ACTIVITY	X	X						X						X				X	5	1	25					X	X				MARSHALL ISLANDS	231
MULLOIDICHTHYS SAMO	SR-90		X						X						X				X	5	1	25					X	X				MARSHALL ISLANDS	231
MULLOIDICHTHYS SAMO	FE-55		X						X						X				X	5	1	25					X	X				MARSHALL ISLANDS	231
MULLUS SPP.	GAMMA ACTIVITY	X	X									X			X				X	3	1	3		76	76	X	X	X			X	NORTHERN PACIFIC	232
MULLUS SPP.	H-3		X									X			X				X	3	1	3		76	76	X	X	X			X	NORTHERN PACIFIC	232
MULLUS SPP.	PW-239,240		X									X			X				X	3	1	3		76	76	X	X	X			X	NORTHERN PACIFIC	232
MYTILUS EDULIS	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	50		70			X	X				NORTHERN PACIFIC	232
NEOMYXUS CHOPTALLI	GAMMA ACTIVITY	X	X						X						X				X	5	1	25					X	X				MARSHALL ISLANDS	231
NEOMYXUS CHOPTALLI	SR-90		X						X						X				X	5	1	25					X	X				MARSHALL ISLANDS	231
NEOMYXUS CHOPTALLI	FE-55		X						X						X				X	5	1	25					X	X				MARSHALL ISLANDS	231
ONCORHYNCHUS GORBUS	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS GORBUS	FE-55		X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS KETA	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS KETA	FE-55		X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS NERKA	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS NERKA	FE-55		X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS TSHAWY	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	1		70			X	X				NORTHERN PACIFIC	233
ONCORHYNCHUS TSHAWY	FE-55		X						X		X				X				X	2	1	1		70			X	X				NORTHERN PACIFIC	233
PANULIRUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
PECTEN SPP.	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	25		70			X	X				NORTHERN PACIFIC	233
PLANKTON	GAMMA ACTIVITY	X							X							X				5	1	5					X	X				MARSHALL ISLANDS	231
PLANKTON	GAMMA ACTIVITY	X								X					X					2	1	2	X	70			X	X				NORTHERN PACIFIC	233
SALVELINUS MALMA	GAMMA ACTIVITY	X	X						X		X				X				X	5	3	25	X	75			X	X				NORTHERN PACIFIC	233
SALVELINUS MALMA	FE-55		X						X		X				X				X	5	3	25	X	75			X	X				NORTHERN PACIFIC	233
SALVELINUS MALMA	GAMMA ACTIVITY	X	X						X						X				X	3	1	9		76	76	X	X	X			X	GULF OF ALASKA	232
SALVELINUS MALMA	H-3		X						X						X				X	3	1	9		76	76	X	X	X			X	GULF OF ALASKA	232
SALVELINUS MALMA	PW-239,240		X						X						X				X	3	1	9		76	76	X	X	X			X	GULF OF ALASKA	232
SCARUS SPP	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
SCARUS SPP	GAMMA ACTIVITY	X	X									X			X				X	3	1	3		76	76	X	X	X			X	NORTHERN PACIFIC	232
SCARUS SPP	H-3		X									X			X				X	3	1	3		76	76	X	X	X			X	NORTHERN PACIFIC	232
SCARUS SPP	PW-239,240		X									X			X				X	3	1	3		76	76	X	X	X			X	NORTHERN PACIFIC	232
SEBASTES ALUTUS	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
SPONGES	GAMMA ACTIVITY	X		X					X						X					3	1	3		76	76	X	X	X			X	GULF OF ALASKA	232
SPONGES	H-3			X					X						X					3	1	3		76	76	X	X	X			X	GULF OF ALASKA	232

DATE 771208 INSTITUTE(662) LABORATORY OF RADIATION ECOLOGY UNITED STATES
COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

PROJECT(124) - RADIONUCLIDES STUDIES IN AMCHITKA/MARSHALL ISLANDS DATA VALID AS OF 10/09/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SPONGES	PW-239,240			X					X						X					3	1	3		76	76	X	X	X			X	GULF OF ALASKA	232
TELMESSUS CHEIRAGON	GAMMA ACTIVITY	X	X						X		X				X					1	1	1		70			X	X				NORTHERN PACIFIC	233
THERAGRA CHALCOGRAM	GAMMA ACTIVITY	X	X						X		X				X				X	2	1	5		70			X	X				NORTHERN PACIFIC	233
TRIDACNA SPP.	GAMMA ACTIVITY	X	X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
TRIDACNA SPP.	SR-90		X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231
TRIDACNA SPP.	FE-55		X						X						X				X	5	1	5					X	X				MARSHALL ISLANDS	231

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

COLLEGE CF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

PROJECT(125) - BIOGEOCHEMICAL STUDIES OF RADIONUCLIDES IN AQUATIC ENVIRONME DATA VALID AS OF 09/09/75

LEADER W.R. SCHELL TELEPHONE 2065434259 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL 04/69 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS
PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PRCJECT

TO INVESTIGATE THE CONCENTRATION, DISTRIBUTION AND UPTAKE OF RADIONUCLIDES IN WATER, SEDIMENT AND ORGANISMS IN THE AQUATIC ENVIRONMENT OF BIKINI/ENIWETOK ATOLLS AND WASHINGTON STATE COASTAL WATERS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ACANTHURUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	2	1	2	X	76	76	X	X	X			X	HUDSON BAY	231
ACANTHURUS SPP.	H-3		X						X						X				X	2	1	2	X	76	76	X	X	X			X	HUDSON BAY	231
ACANTHURUS TRIOSTEG	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
BIVALVIA	MERCURY-TOTAL	X	X						X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
BIVALVIA	LEAD	X	X						X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
BIVALVIA	GAMMA ACTIVITY	X	X						X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
CANCER SPP.	MERCURY-TOTAL	X	X						X						X				X	6	1	1	X	69	74		X	X		X		NORTHERN PACIFIC	223
CANCER SPP.	LEAD	X	X						X						X				X	6	1	1	X	69	74		X	X		X		NORTHERN PACIFIC	223
CANCER SPP.	GAMMA ACTIVITY	X	X						X						X				X	6	1	1	X	69	74		X	X		X		NORTHERN PACIFIC	223
CARANX SPP.	GAMMA ACTIVITY	X	X						X						X				X	2	1	2		72			X	X		X		SOUTH PACIFIC OC	231
CHAMA SPP.	GAMMA ACTIVITY	X	X						X						X					5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
CLUPEA HARENGUS	MERCURY-TOTAL	X	X						X						X				X	6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
CLUPEA HARENGUS	LEAD	X	X						X						X				X	6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
CLUPEA HARENGUS	GAMMA ACTIVITY	X	X						X						X				X	6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
CLUPEA HARENGUS	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
CLUPEA HARENGUS	LEAD	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
CLUPEA HARENGUS	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
CORALLIUM SPP.	GAMMA ACTIVITY	X							X						X					5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
CRASSOSTREA GIGAS G	MERCURY-TOTAL	X	X						X						X					3	12	12	X	71	74		X	X		X		NORTHERN PACIFIC	225
CRASSOSTREA GIGAS G	LEAD	X	X						X						X					3	12	12	X	71	74		X	X		X		NORTHERN PACIFIC	225
CRASSOSTREA GIGAS G	GAMMA ACTIVITY	X	X						X						X					3	12	12	X	71	74		X	X		X		NORTHERN PACIFIC	225
EPINEPHELUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
EUTHYNNUS YAITO	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
FUCUS SPP.	MERCURY-TOTAL	X							X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
FUCUS SPP.	LEAD	X							X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
FUCUS SPP.	GAMMA ACTIVITY	X							X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	LEAD	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	GAMMA ACTIVITY	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	LEAD	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	GAMMA ACTIVITY	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	LEAD	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	GAMMA ACTIVITY	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
HALIMEDA SPP.	GAMMA ACTIVITY	X							X						X					10	1	10		72			X	X		X		SOUTH PACIFIC OC	231
HIPPOPUS SPP.	GAMMA ACTIVITY	X	X						X						X					5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
HOLOTHURIA SPP.	GAMMA ACTIVITY	X																															
HYDROLAGUS COLLIEI	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	LEAD	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	LEAD	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	LEAD	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	MERCURY-TOTAL	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	LEAD	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	GAMMA ACTIVITY	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	MERCURY-TOTAL	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	LEAD	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	GAMMA ACTIVITY	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	MERCURY-TOTAL	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	LEAD	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	GAMMA ACTIVITY	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
LUTJANUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	2	1	2		72			X	X		X		SOUTH PACIFIC OC	231
LUTJANUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	3	1	3	X	76	76	X	X	X			X		231
LUTJANUS SPP.	H-3		X						X						X				X	3	1	3	X	76	76	X	X	X			X		231
MICROSTOMUS PACIFIC	MERCURY-TOTAL	X	X						X						X				X	6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	LEAD	X	X						X						X				X	6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	GAMMA ACTIVITY	X	X						X						X				X	6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223

DATE 771208 INSTITUTE(662) LABORATORY OF RADIATION ECOLOGY
COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

UNITED STATES

PROJECT(125) - BIOGEOCHEMICAL STUDIES OF RADIONUCLIDES IN AQUATIC ENVIRONME DATA VALID AS OF 09/09/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MICROSTOMUS PACIFIC	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	LEAD	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTCMUS PACIFIC	LEAD	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	GAMMA ACBIVITY	X	X						X						X					6	1	5	X	69	74		X	X		X		NORTHERN PACIFIC	223
MUGIL SPP.	GAMMA ACTIVITY	X	X						X						X				X	4	1	4	X	76	76	X	X	X			X	NORTHERN PACIFIC	231
MUGIL SPP.	H-3		X						X						X				X	4	1	4	X	76	76	X	X	X			X	NORTHERN PACIFIC	231
MULLOIDICHTHYS SAMO	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
MULLUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	4	1	4	X	76	76	X	X	X			X	NORTHERN PACIFIC	231
MULLUS SPP.	H-3		X						X						X				X	4	1	4	X	76	76	X	X	X			X	NORTHERN PACIFIC	231
MYTILUS CALIFORNIAN	MERCURY-TOTAL	X	X						X						X					5	1	5		71	74		X	X		X		NORTHERN PACIFIC	225
MYTILUS CALIFORNIAN	LEAD	X	X						X						X					5	1	5		71	74		X	X		X		NORTHERN PACIFIC	225
MYTILUS CALIFORNIAN	GAMMA ACTIVITY	X	X						X						X					5	1	5		71	74		X	X		X		NORTHERN PACIFIC	225
MYTILUS EDULIS	MERCURY-TOTAL	X	X						X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
MYTILUS EDULIS	LEAD	X	X						X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
MYTILUS EDULIS	GAMMA ACTIVITY	X	X						X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
NEOMYXUS CHOPTALLI	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
ONCORHYNCHUS NERKA	MERCURY-TOTAL	X	X						X						X				X	4	3	10	X	70	73		X	X		X		UNITED STATES	211
ONCORHYNCHUS NERKA	LEAD	X	X						X						X				X	4	3	10	X	70	73		X	X		X		UNITED STATES	211
CNCORHYNCHUS NERKA	GAMMA ACTIVITY	X	X						X						X				X	4	3	10	X	70	73		X	X		X		UNITED STATES	211
ONCORHYNCHUS NERKA	MERCURY-TOTAL	X	X						X						X				X	4	3	10	X	70	73		X	X		X		UNITED STATES	211
ONCORHYNCHUS NERKA	LEAD	X	X						X						X				X	4	3	10	X	70	73		X	X		X		UNITED STATES	211
ONCORHYNCHUS NERKA	GAMMA ACTIVITY	X	X						X						X				X	4	3	10	X	70	73		X	X		X		UNITED STATES	211
PANDALUS SPP.	MERCURY-TOTAL	X	X						X						X				X	6	1	2	X	69	74		X	X		X		NORTHERN PACIFIC	223
PANDALUS SPP.	LEAD	X	X						X						X				X	6	1	2	X	69	74		X	X		X		NORTHERN PACIFIC	223
PANDALUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	6	1	2	X	69	74		X	X		X		NORTHERN PACIFIC	223
PANULIRUS SPP.	GAMMA ACTIVITY	X	X						X						X				X	1	1	1	X	76	76	X	X	X			X		231
PANULIRUS SPP.	H-3		X						X						X				X	1	1	1	X	76	76	X	X	X			X		231
PLANKTON	MERCURY-TOTAL	X							X						X					6	1	6	X	69	74		X	X		X		NORTHERN PACIFIC	223
PLANKTON	LEAD	X							X						X					6	1	6	X	69	74		X	X		X		NORTHERN PACIFIC	223
PLANKTON	GAMMA ACTIVITY	X							X						X					6	1	6	X	69	74		X	X		X		NORTHERN PACIFIC	223
PLANKTON	GAMMA ACTIVITY	X							X						X					10	1	10	X	72			X	X		X		SOUTH PACIFIC OC	231
PLANKTON	MERCURY-TOTAL	X							X						X					4	3	5	X	70	73		X	X		X		UNITED STATES	211
PLANKTON	LEAD	X							X						X					4	3	5	X	70	73		X	X		X		UNITED STATES	211
PLANKTON	GAMMA ACTIVITY	X							X						X					4	3	5	X	70	73		X	X		X		UNITED STATES	211
POLLICIPES POLYMERU	MERCURY-TOTAL	X							X						X					5	1	5		71	74		X	X		X		NORTHERN PACIFIC	225
POLLICIPES POLYMERU	LEAD	X							X						X					5	1	5		71	74		X	X		X		NORTHERN PACIFIC	225
POLLICIPES POLYMERU	GAMMA ACTIVITY	X							X						X					5	1	5		71	74		X	X		X		NORTHERN PACIFIC	225
SCARUS SPP	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
SEBASTES SPP.	MERCURY-TOTAL	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	LEAD	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	GAMMA ACTIVITY	X	X						X						X				X	6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	MERCURY-TOTAL	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	LEAD	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	GAMMA ACDIVITY	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	MERCURY-TOTAL	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	LEAD	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SEBASTES SPP.	GAMMA ACTIVITY	X	X						X						X					6	1	3	X	69	74		X	X		X		NORTHERN PACIFIC	223
SPIRINCHUS THALEICT	MERCURY-TOTAL	X	X						X						X					4	3	10	X	70	73		X	X		X		UNITED STATES	211
SPIRINCHUS THALEICT	LEAD	X	X						X						X					4	3	10	X	70	73		X	X		X		UNITED STATES	211
SPIRINCHUS THALEICT	GAMMA ACTIVITY	X	X						X						X					4	3	10	X	70	73		X	X		X		UNITED STATES	211
SPIRINCHUS THALEICT	MERCURY-TOTAL	X	X						X						X					4	3	10	X	70	73		X	X		X		UNITED STATES	211
SPIRINCHUS THALEICT	LEAD	X	X						X						X					4	3	10	X	70	73		X	X		X		UNITED STATES	211
SPIRINCHUS THALEICT	GAMMA ACTIVITY	X	X						X						X					4	3	10	X	70	73		X	X		X		UNITED STATES	211
STRONGYLOCENTROTUS	MERCURY-TOTAL	X							X						X					6	1	2	X	69	74		X	X		X		NORTHERN PACIFIC	223
STRONGYLOCENTROTUS	LEAD	X							X						X					6	1	2	X	69	74		X	X		X		NORTHERN PACIFIC	223
STRONGYLOCENTROTUS	GAMMA ACTIVITY	X							X						X					6	1	2	X	69	74		X	X		X		NORTHERN PACIFIC	223
THALEICHTHYS PACIFI	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69			X	X		X		NORTHERN PACIFIC	223
THALEICHTHYS PACIFI	LEAD	X	X						X						X					6	1	5	X	69			X	X		X		NORTHERN PACIFIC	223
THALEICHTHYS PACIFI	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69			X	X		X		NORTHERN PACIFIC	223
THALEICHTHYS PACIFI	MERCURY-TOTAL	X	X						X						X					6	1	5	X	69			X	X		X		NORTHERN PACIFIC	223
THALEICHTHYS PACIFI	LEAD	X	X						X						X					6	1	5	X	69			X	X		X		NORTHERN PACIFIC	223
THALEICHTHYS PACIFI	GAMMA ACTIVITY	X	X						X						X					6	1	5	X	69			X	X		X		NORTHERN PACIFIC	223
TRIDACNA SPP.	GAMMA ACTIVITY	X	X						X						X				X	5	1	5		72			X	X		X		SOUTH PACIFIC OC	231
TRIDORNA GIGAS	GAMMA ACTIVITY	X	X						X						X					1	1	1	X	76	76	X	X	X			X		231
TRIDORNA GIGAS	H-3		X						X						X					1	1	1	X	76	76	X	X	X			X		231
ULVA SPP.	MERCURY-TOTAL	X							X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
ULVA SPP.	LEAD	X							X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225
ULVA SPP.	GAMMA ACTIVITY	X							X						X					10	1	10		71	74		X	X		X		NORTHERN PACIFIC	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(662) LABORATORY OF RADIATION ECOLOGY
COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195
UNITED STATES

PROJECT(132) - HEAVY METALS IN PUGET SOUND DATA VALID AS OF 20/08/75

LEADER W.R.SCHELL TELEPHONE 2065434259 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	08/74	01/76

SUB-PROGRAMME OF PUGET SOUND INTERIM STUDIES

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO UNDERSTAND THE FATE AND EFFECTS OF HEAVY METALS EFFLUENTS IMPOSED UPON THE WATERS OF THE CENTRAL PUGET SOUND BASIN FROM THE MUNICIPAL WASTE DISCHARGE SOURCES.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
APRODON CORTEZIANUS	MERCURY-TOTAL	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	COPPER	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	ZINC	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	CHROMIUM	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	CADMIUM	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	ARSENIC	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	ANTIMONY	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
APRODON CORTEZIANUS	LEAD	X	X						X						X					1	1	27	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	MERCURY-TOTAL	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	COPPER	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	ZINC	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	CHROMIUM	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	CADMIUM	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	ARSENIC	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIO	223
ATHERESTES STOMIA	ANTIMONY	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
ATHERESTES STOMIA	LEAD	X	X						X						X				X	2	1	2	X	74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	MERCURY-TOTAL	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	COPPER	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	ZINC	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	CHROMIUM	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	CADMIUM	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	ARSENIC	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	ANTIMONY	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
BALANUS CARIOSUS	LEAD	X	X						X						X					1	1	12		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	MERCURY-TOTAL	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	COPPER	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	ZINC	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	CHROMIUM	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	CADMIUM	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	ARSENIC	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	ANTIMONY	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER MAGISTER	LEAD	X	X						X						X				X	1	1	2		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	MERCURY-TOTAL	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	COPPER	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	ZINC	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	CHROMIUM	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	CADMIUM	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	ARSENIC	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	ANTIMONY	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CANCER PRODUCTUS	LEAD	X	X						X						X				X	1	1	5		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	MERCURY-TOTAL	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	COPPER	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	ZINC	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	CHROMIUM	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	CADMIUM	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	ARSENIC	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	ANTIMONY	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLINOCARDIUM NUTTAL	LEAD	X	X						X						X				X	2	1	11		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	MERCURY-TOTAL	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	COPPER	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	ZINC	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	CHROMIUM	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	CADMIUM	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	ARSENIC	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	ANTIMONY	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
CLUPEA HARENGUS	LEAD	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	MERCURY-TOTAL	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	COPPER	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	ZINC	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	CHROMIUM	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	CADMIUM	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223

DATE 771208 INSTITUTE(662) LABORATORY OF RADIATION ECOLOGY
COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

UNITED STATES

PROJECT(132) - HEAVY METALS IN PUGET SOUND

DATA VALID AS OF 20/08/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUM CONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIM WATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
EMBIOTOCA LATERALIS	ARSENIC	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	ANTIMONY	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
EMBIOTOCA LATERALIS	LEAD	X	X						X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	MERCURY-TOTAL	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	COPPER	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	ZINC	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	CHROMIUM	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	CADMIUM	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	ARSENIC	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	ANTIMONY	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
FUCUS SPP.	LEAD	X		X					X						X					6	4	900		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	MERCURY-TOTAL	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	COPPER	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	ZINC	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	CHROMIUM	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	CADMIUM	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	ARSENIC	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	ANTIMONY	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GADUS MACROCEPHALUS	LEAD	X	X						X						X				X	2	1	5		74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	MERCURY-TOTAL	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	COPPER	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	ZINC	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	CHROMIUM	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	CADMIUM	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	ARSENIC	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	ANTIMONY	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
GLYPTOCEPHALUS ZACH	LEAD	X	X						X						X				X	3	1	9	X	74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	MERCURY-TOTAL	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	COPPER	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	ZINC	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	CHROMIUM	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	CADMIUM	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	ARSENIC	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	ANTIMONY	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HEMIGRAPSUS NUDIS	LEAD	X	X						X						X					2	1	20		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	MERCURY-TOTAL	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	COPPER	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	ZINC	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	CHROMIUM	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	CADMIUM	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	ARSENIC	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	ANTIMONY	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPASTERIA SPINOSA	LEAD	X	X						X						X					2	1	4		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	MERCURY-TOTAL	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	COPPER	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	ZINC	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	CHROMIUM	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	CADMIUM	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	ARSENIC	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	ANTIMONY	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HIPPOGLOSSOIDES ELA	LEAD	X	X						X						X				X	1	1	3		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	MERCURY-TOTAL	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	COPPER	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	ZINC	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	CHROMIUM	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	CADMIUM	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	ARSENIC	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	ANTIMONY	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
HYDROLAGUS COLLIEI	LEAD	X	X						X						X					2	1	15		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	MERCURY-TOTAL	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	COPPER	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	ZINC	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	CHROMIUM	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	CADMIUM	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	ARSENIC	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	ANTIMONY	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LEPIDOPSETTA BILINE	LEAD	X	X						X						X				X	2	1	10		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	MERCURY-TOTAL	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	COPPER	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	ZINC	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	CHROMIUM	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	CADMIUM	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	ARSENIC	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	ANTIMONY	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LUMPENUS SAGGITTA	LEAD	X	X						X						X					1	1	7		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	MERCURY-TOTAL	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	COPPER	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	ZINC	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	CHROMIUM	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	CADMIUM	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223

COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

PROJECT(132) - HEAVY METALS IN PUGET SOUND

DATA VALID AS OF 20/08/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCI	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
LYOPSETTA EXILIS	ARSENIC	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	ANTIMONY	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
LYOPSETTA EXILIS	LEAD	X	X						X						X				X	3	1	11		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	MERCURY-TOTAL	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	COPPER	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	ZINC	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	CHROMIUM	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	CADMIUM	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	ARSENIC	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACCMA IRUS	ANTIMONY	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MACOMA IRUS	LEAD	X	X						X						X				X	4	4	97		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	MERCURY-TOTAL	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	COPPER	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	ZINC	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	CHROMIUM	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	CADMIUM	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	ARSENIC	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	ANTIMONY	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MEDIASTER AEQUALIS	LEAD	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	MERCURY-TOTAL	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTCMUS PACIFIC	COPPER	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	ZINC	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTCMUS PACIFIC	CHROMIUM	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	CADMIUM	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	ARSENIC	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	ANTIMONY	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MICROSTOMUS PACIFIC	LEAD	X	X						X						X				X	4	1	20	X	74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	MERCURY-TOTAL	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	COPPER	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	ZINC	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	CHROMIUM	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	CADMIUM	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	ARSENIC	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	ANTIMONY	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MOLPADIA INTERMEDIA	LEAD	X	X						X						X					1	1	5		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS CALIFORNIAN	MERCURY-TOTAL	X	X						X						X				X	1	1	26		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	MERCURY-TOTAL	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	COPPER	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	ZINC	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	CHROMIUM	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	CADMIUM	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	ARSENIC	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	ANTIMONY	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
MYTILUS EDULIS	LEAD	X	X						X						X				X	8	4	435		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSOMA	COPPER	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSOMA	ZINC	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSOMA	CHROMIUM	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSOMA	CADMIUM	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSOMA	ARSENIC	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSCMA	ANTIMONY	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
NELLOBIA ENSOMA	LEAD	X	X						X						X					1	1	4		74	75	X	X					NORTHERN PACIFIC	223
OCTOPUS LEIODERMA	COPPER	X	X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
OCTOPUS LEIODERMA	ZINC	X	X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
OCTOPUS LEIODERMA	CHROMIUM	X	X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
OCTOPUS LEIODERMA	CADMIUM	X	X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
OCTOPUS LEIODERMA	ARSENIC	X	X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
OCTOPUS LEIODERMA	ANTIMONY	X	X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
CCTOPUS LEIODERMA	BISMUTH		X						X						X					1	1	1		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	MERCURY-TOTAL	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	COPPER	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	ZINC	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	CHROMIUM	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	CADMIUM	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	ARSENIC	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
ONCORHYNCHUS KISUTC	ANTIMONY	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
CNCORHYNCHUS KISUTC	LEAD	X	X		X				X						X				X	1	1	6		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS DISPAR	MERCURY-TOTAL	X	X						X						X				X	1	1	39		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS DISPAR	COPPER	X	X						X						X				X	1	1	39		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS DISPAR	ZINC	X	X						X						X				X	1	1	39		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS DISPAR	LEAD	X	X						X						X				X	1	1	39		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS JCRDANI	MERCURY-TOTAL	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS JORDANI	COPPER	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS JORDANI	ZINC	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS JCRDANI	LEAD	X	X						X						X				X	1	1	35		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS PLATYCEROS	MERCURY-TOTAL	X	X						X						X				X	1	1	11		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS PLATYCEROS	COPPER	X	X						X						X				X	1	1	11		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS PLATYCEROS	ZINC	X	X						X						X				X	1	1	11		74	75	X	X					NORTHERN PACIFIC	223
PANDALUS PLATYCEROS	LEAD	X	X						X						X				X	1	1	11		74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	MERCURY-TOTAL	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	COPPER	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223

DATE 771208 INSTITUTE(662) LABORATORY OF RADIATION ECOLOGY
COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

UNITED STATES

PROJECT(132) - HEAVY METALS IN PUGET SOUND

DATA VALID AS OF 20/08/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHNY	OTHBIO	GEOGRAPHIC AREA	WAT COD
PAROPHRYS VETULUS	ZINC	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	CHROMIUM	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	CADMIUM	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	ARSENIC	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	ANTIMONY	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PAROPHRYS VETULUS	LEAD	X	X						X						X				X	5	2	25	X	74	75	X	X					NORTHERN PACIFIC	223
PASIPHAEA PACIFICA	MERCURY-TOTAL	X	X						X						X					1	1	30		74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	MERCURY-TOTAL	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	COPPER	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	ZINC	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	CHROMIUM	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	CADMIUM	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	ARSENIC	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	ANTIMONY	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLANKTON	LEAD	X		X					X						X					5	1		X	74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	MERCURY-TOTAL	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	COPPER	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	ZINC	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	CHROMIUM	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	CADMIUM	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	ARSENIC	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	ANTIMONY	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
PLATICHTHYS STELLAT	LEAD	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	MERCURY-TOTAL	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	COPPER	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	ZINC	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	CHROMIUM	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	CADMIUM	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	ARSENIC	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	ANTIMONY	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLINICES LEWISII	LEAD	X	X						X						X					2	1	2		74	75	X	X					NORTHERN PACIFIC	223
POLLICIPES POLYMERU	MERCURY-TOTAL	X	X						X						X					1	1	20		74	75	X	X					NORTHERN PACIFIC	223
POLLICIPES POLYMERU	COPPER	X	X						X						X					1	1	20		74	75	X	X					NORTHERN PACIFIC	223
POLLICIPES POLYMERU	ZINC	X	X						X						X					1	1	20		74	75	X	X					NORTHERN PACIFIC	223
POLLICIPES POLYMERU	LEAD	X	X						X						X					1	1	20		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	MERCURY-TOTAL	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	COPPER	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	ZINC	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	CHROMIUM	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	CADMIUM	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	ARSENIC	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	ANTIMONY	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PROTOTHACA STAMINEA	LEAD	X	X						X						X				X	4	1	47		74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	MERCURY-TOTAL	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	COPPER	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	ZINC	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	CHROMIUM	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	CADMIUM	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	ARSENIC	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	ANTIMONY	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
PSETTICHTHYS MELANO	LEAD	X	X						X						X				X	2	1	7	X	74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	MERCURY-TOTAL	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	COPPER	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	ZINC	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	CHROMIUM	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	CADMIUM	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	ARSENIC	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	ANTIMONY	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
RHACOCHILUS VACCA	LEAD	X	X						X						X					1	1	8		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	MERCURY-TOTAL	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	COPPER	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	ZINC	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	CHROMIUM	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	CADMIUM	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	ARSENIC	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	ANTIMONY	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SAXIDOMUS GIGANTEUS	LEAD	X	X						X						X				X	6	4	20		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	MERCURY-TOTAL	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	COPPER	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	ZINC	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	CHROMIUM	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	CADMIUM	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	ARSENIC	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	ANTIMONY	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES CAURINUS	LEAD	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES MALIGER	MERCURY-TOTAL	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES MALIGER	COPPER	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES MALIGER	ZINC	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES MALIGER	CHROMIUM	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223
SEBASTES MALIGER	CADMIUM	X	X						X						X				X	1	1	4		74	75	X	X					NORTHERN PACIFIC	223

COLLEGE OF FISHERIES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

PROJECT(132) - HEAVY METALS IN PUGET SOUND

DATA VALID AS OF 20/08/75

HOST SUBSTANCE	CONTAMINANT	C	SAMPLE DESCRPTN L	W	A	D	PRESERVATION METHOD H	I	F	S	D	F	A	O	SAMPLE ORIGIN F	C	A	O	HUMCOMP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	S	RAW DATA YR ST	YR EN	C	I	P	BIOASSAYS	GEOGRAPHIC AREA	WAT COD
SEBASTES MALIGER	ARSENIC	X	X						X						X				X	1	1	4		74	75	X	X			NORTHERN PACIFIC	223
SEBASTES MALIGER	ANTIMONY	X	X						X						X				X	1	1	4		74	75	X	X			NORTHERN PACIFIC	223
SEBASTES MALIGER	LEAD	X	X						X						X				X	1	1	4		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	MERCURY-TOTAL	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	COPPER	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	ZINC	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	CHROMIUM	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	CADMIUM	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	ARSENIC	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	ANTIMONY	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SPIRINCHUS SPP	LEAD	X	X						X						X					1	1	61		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	MERCURY-TOTAL	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	COPPER	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	ZINC	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	CHROMIUM	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	CADMIUM	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	ARSENIC	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	ANTIMONY	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
SQUALUS ACANTHIAS	LEAD	X	X						X						X				X	1	1	5		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	MERCURY-TOTAL	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	COPPER	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	ZINC	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	CHROMIUM	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	CADMIUM	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	ARSENIC	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	ANTIMONY	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THAIS LAMELLOSA	LEAD	X	X						X						X					1	1	23		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	MERCURY-TOTAL	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	COPPER	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	ZINC	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	CHROMIUM	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	CADMIUM	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	ARSENIC	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	ANTIMONY	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
THERAGRA CHALCOGRAM	LEAD	X	X						X						X				X	2	1	7		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	MERCURY-TOTAL	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	COPPER	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	ZINC	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	CHROMIUM	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	CADMIUM	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	ARSENIC	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	ANTIMONY	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
TRESUS CAPAX	LEAD	X	X						X						X				X	3	1	8		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	MERCURY-TOTAL	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	COPPER	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	ZINC	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	CHROMIUM	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	CADMIUM	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	ARSENIC	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	ANTIMONY	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223
ULVA SPP.	LEAD	X		X					X						X					6	4	650		74	75	X	X			NORTHERN PACIFIC	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(664) NATIONAL MARINE FISHERIES SERVICE UNITED STATES

SOUTHWEST FISHERIES CENTER-TIBURON LAB.
3150 PARADISE DRIVE
TIBURON, CALIF. 94920

PROJECT(D12) - EFFECTS OF WAT. SCLUBLE FRACTION OF CRUDE OIL IN FOOD CHAINS DATA VALID AS OF 01/08/77

LEADER WHIPPLE J. TELEPHONE 4154353140 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - 200000 STAFF OF 6

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/76	CONTINUING

SUB-PROGRAMME OF O.C.S.E.A.P.

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLCGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE THE EFFECTS OF COOK INLET CRUDE OIL WATER SOLUBLE COMPONENTS ON REPRESENTATIVE MARINE VERTEBRATES & INVERTEBRATES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CANCER MAGISTER	MONOCYCLES	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CANCER MAGISTER	DICYCLICS	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CANCER MAGISTER	HYDROCARBONS-A	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CANCER MAGISTER	HYDROCARBONS-P	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CRANGON FRANCISCORU	MONOCYCLES	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CRANGCN FRANCISCORU	DICYCLICS	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CRANGON FRANCISCORU	HYDROCARBONS-A	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
CRANGON FRANCISCORU	HYDROCARBONS-P	X	X	X		X			X						X									77	78		X		X	X		SOUTH ATLANTIC	O 233
PLATICHTHYS STELLAT	MONOCYCLES	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PLATICHTHYS STELLAT	DICYCLICS	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PLATICHTHYS STELLAT	HYDROCARBONS-A	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PLATICHTHYS STELLAT	HYDROCARBCNS-P	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PROTOTHACA STAMINEA	MONOCYCLES	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PROTOTHACA STAMINEA	DICYCLICS	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PROTOTHACA STAMINEA	HYDROCARBONS-A	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
PROTOTHACA STAMINEA	HYDROCARBCNS-P	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O-233
TAPES SEMIDECUSSATA	MONOCYCLES	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
TAPES SEMIDECUSSATA	DICYCLICS	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
TAPES SEMIDECUSSATA	HYDROCARBONS-A	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233
TAPES SEMIDECUSSATA	HYDROCARBCNS-P	X	X	X		X			X						X									76	78		X		X	X		SOUTH ATLANTIC	O 233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

OCSEAP QUARTERLY, ANNUAL REPORTS ETC.

DATE 771208 INSTITUTE(667) GULF BREEZE ENVIRONMENTAL RESEARCH LABORATORY UNITED STATES
SABINE ISLAND
GULF BREEZE,FLORIDA 32561

PROJECT(029) - MARINE FISH MONITORING PROGRAM DATA VALID AS OF 25/04/75

LEADER PHILLIP A. BUTLER TELEPHONE 9325326 TELEX/CABLE

FUNDING - NATIONAL CURRENCY . US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/74	12/74

PURPOSE OF PROJECT

COMMERCIAL FISH SURVEYON CONTINENTAL SHELF FOR PESTICIDE/PCB.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	SAMPLE DESCRPTN WEIGHT	SAMPLE DESCRPTN AGE	SAMPLE DESCRPTN DEVSTG	PRESERVATION METHOD NOT	PRESERVATION METHOD ICED	PRESERVATION METHOD FROZEN	PRESERVATION METHOD SALTED	PRESERVATION METHOD DRIED	PRESERVATION METHOD FORMLN	PRESERVATION METHOD ALCOHL	PRESERVATION METHOD OTHER	SAMPLE ORIGIN FIELD	SAMPLE ORIGIN COMRCL	SAMPLE ORIGIN AQCLTR	SAMPLE ORIGIN OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	RAW DATA YR EN	RAW DATA COMP	RAW DATA INHSE	RAW DATA PUBLSH	BIOASSAYS TOXCTY	BIOASSAYS FODCHN	BIOASSAYS OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	BHC-ALPHA	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	BHC-GAMMA	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	DIELDRIN	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	DDE-PP	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	TDE-PP	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	DDT-PP	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	DDT-OP	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	ORGANOPHOSPHOR	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	CHLORDANE		X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	ENDRIN	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	TOXAPHENE	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	CARBAMATE COMP	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	HERBICIDES	X	X						X						X					115	1	105		74	74		X						233
FISHES-MARINE N.E.I	PCB'S	X	X						X						X					115	1	105		74	74		X						233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(667) GULF BREEZE ENVIRONMENTAL RESEARCH LABORATORY UNITED STATES
SABINE ISLAND
GULF BREEZE,FLORIDA 32561

PROJECT(030) - ESTUARINE MONITORING PROGRAM DATA VALID AS OF 25/04/75

LEADER PHILLIP A. BUTLER TELEPHONE 9325326 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	07/65	06/72

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

BASELINE DATA ON PESTICIDE RESIDUES IN SHELLFISH.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	C A LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	PDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
SHELLFISH N.E.I.	BHC-ALPHA	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	BHC-GAMMA	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	DIELDRIN	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	DDE-PP	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	TDE-PP	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	DDT-PP	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	DDT-OP	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	CHLORDANE	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	TOXAPHENE	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	MIREX	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	PCB'S	X	X								X				X					180	12	1000		65	72			X				CARIBBEAN SEA AN	223
SHELLFISH N.E.I.	BHC-ALPHA	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	BHC-GAMMA	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	DIELDRIN	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	DDE-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	TDE-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	DDT-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	DDT-OP	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	CHLORDANE	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	TOXAPHENE	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	MIREX	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	PCB'S	X	X								X				X					180	12	1000		65	72			X				GULF OF ST.LAWRE	223
SHELLFISH N.E.I.	BHC-ALPHA	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	BHC-GAMMA	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	DIELDRIN	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	DDE-PP	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	TDE-PP	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	DDT-PP	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	DDT-OP	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	CHLORDANE	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	TOXAPHENE	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	MIREX	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	PCB'S	X	X								X				X					180	12	1000		65	72			X				HUDSON BAY	223
SHELLFISH N.E.I.	BHC-ALPHA	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	BHC-GAMMA	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	DIELDRIN	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	DDE-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	TDE-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	DDT-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	DDT-OP	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	CHLORDANE	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	TOXAPHENE	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	MIREX	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	PCB'S	X	X								X				X					180	12	1000		65	72			X				GULF OF PANAMA	223
SHELLFISH N.E.I.	BHC-ALPHA	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	BHC-GAMMA	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	DIELDRIN	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	DDE-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	TDE-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	DDT-PP	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	DDT-OP	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	CHLORDANE	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	TOXAPHENE	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	MIREX	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223
SHELLFISH N.E.I.	PCB'S	X	X								X				X					180	12	1000		65	72			X				GULF OF CALIFORN	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

SABINE ISLAND
GULF BREEZE, FLORIDA 32561

PROJECT(031) - ESTUARINE MONITORING PROGRAM DATA VALID AS OF 25/04/75

LEADER PHILLIP A. BUTLER TELEPHONE 9325326 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING 07/72 /
OPERATIONAL 07/72 CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

STUDY OF ESTUARINE FISH TO ESTABLISH BASELINE DATA & LONGTERM TRENDS IN LEVELS OF CHLORINATED HYDROCARBONS, & OTHER PESTICIDES & PCB'S, LEAD, CADMIUM, TOTAL MERCURY

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP.	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
FISHES-MARINE N.E.I	BHC-ALPHA				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	BHC-GAMMA				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	DIELDRIN				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	DDE-PP				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	TDE-PP				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	DDT-PP				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	DDT-OP				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	DDT-TOTAL				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	ORGANOPHOSPHOR				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	CHLORDANE				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	ENDRIN				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	TOXAPHENE				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	MIREX				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	CARBAMATE COMP				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	HERBICIDES				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	PCB'S				X						X				X					116	2	500		72	75		X					CARIBBEAN SEA AN	223
FISHES-MARINE N.E.I	BHC-ALPHA				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	BHC-GAMMA				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	DIELDRIN				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	DDE-PP				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	TDE-PP				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	DDT-PP				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	DDT-OP				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	DDT-TOTAL				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	ORGANOPHOSPHOR				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	CHLORDANE				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	ENDRIN				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	TOXAPHENE				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	MIREX				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	CARBAMATE COMP				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	HERBICIDES				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	PCB'S				X						X				X					100	1	250		75								GULF OF ALASKA	225
FISHES-MARINE N.E.I	BHC-ALPHA				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	BHC-GAMMA				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	DIELDRIN				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	DDE-PP				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	TDE-PP				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	DDT-PP				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	DDT-OP				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	DDT-TOTAL				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	ORGANOPHOSPHOR				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	CHLORDANE				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	ENDRIN				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	TOXAPHENE				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	MIREX				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	CARBAMATE COMP				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	HERBICIDES				X						X				X					100	1	250		75								BEAUFORT SEA	225
FISHES-MARINE N.E.I	PCB'S				X						X				X					100	1	250		75								BEAUFORT SEA	225

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(673) THE SECRETARY
QUEENSLAND FISHERIES SERVICE
P.O. BOX 36
NORTH QUAY, QLD 4001

AUSTRALIA

PROJECT(121) - ANALYSIS OF MUGIL CEPHALUS IN BRISBANE RIVER DATA VALID AS OF 26/08/75

LEADER C.R. HARRISON TELEPHONE 240414 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	09/74	12/74
OPERATIONAL	01/75	12/75

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO DETERMINE WHETHER OR NOT ANY OF THE CHEFICALS BEING ANALYSED ARE ACTING AS SIGNIFICANT STRESS FACTORS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICE	FROZEN	SALTED	DRIED	FORMOL	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHHSE	PUBLSH	BIOASSAYS: TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MUGIL CEPHALUS	DIELDRIN		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	DDE-PP		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	TDE-PP		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	DDT-PP		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	MERCURY-TOTAL		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	COPPER		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	ZINC		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	CHROMIUM		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	CADMIUM		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	NICKEL		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	212
MUGIL CEPHALUS	DIELDRIN		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	DDE-PP		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	TDE-PP		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	DDT-PP		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	MERCURY-TOTAL		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	COPPER		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	ZINC		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	CHROMIUM		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	CADMIUM		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223
MUGIL CEPHALUS	NICKEL		X						X						X				X	2	12	36	X	75			X					S.W.SOUTH PACIFI	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(674) NEW YORK STATE DEPT OF ENVIRONMENTAL CONSERVATION UNITED STATES

BUREAU OF RADIATION
ROOM 404, 50 WOLF ROAD
ALBANY, NEW YORK 12233

PROJECT(021) - ENVIROMENTAL RADIATION IN NEW YORK STATE DATA VALID AS OF 16/06/77

LEADER THOMAS J.CASHMAN TELEPHONE 4576600 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING / /
OPERATIONAL / CONTINUING

PURPOSE OF PROJECT

ENVIRONMENTAL MONITORING FOR RADIOACTIVITY

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
FISHES-FRESHWATER N	GAMMA ACTIVITY								X						X				X	2	2	8		69				X				LAKE ONTARIO	211
FISHES-FRESHWATER N	SR-90	X							X						X				X	2	2	8		69				X				LAKE ONTARIO	211
FISHES-FRESHWATER N	GAMMA ACTIVITY								X						X				X	4	2	16		68				X				UNITED STATES	223
FISHES-FRESHWATER N	SR-90	X							X						X				X	4	2	16		68				X				UNITED STATES	223
FISHES-FRESHWATER N	GAMMA ACTIVITY								X						X				X	2	2	4		72				X				UNITED STATES	233
FISHES-FRESHWATER N	SR-90	X							X						X				X	2	2	4		72				X				UNITED STATES	233
PLANTS N.E.I.	GAMMA ACTIVITY								X						X					4	2	8		69				X				LAKE ONTARIO	211
PLANTS N.E.I.	GAMMA ACTIVITY								X						X					4	2	8		68				X				UNITED STATES	223

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

ANNUAL REPORT ON ENVIRONMENTAL RADIATION IN NEW YORK STATE

DATE 771208 INSTITUTE(678) RESERVOIR RESEARCH CENTER UNITED STATES
OKLAHOMA STATE UNIVERSITY
STILLWATER, OKLAHOMA 74074

PROJECT(038) - IDENTIFICATION OF CHEMICAL CONTAMINANTS IN FRESHWATER DATA VALID AS OF 27/05/75

LEADER TROY C. DORRIS TELEPHONE 3726211 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/59	/
OPERATIONAL	/	CONTINUING

SUB-PROGRAMME OF OORWCC

PROJECT ATTEMPTS TO IDENTIFY SUBSTANCES WHICH HAVE SO FAR NOT BEEN RECOGNISED AS CONTAMINANTS

PURPOSE OF PROJECT

IDENTIFY PRESENCE OF CHEMICAL POISONS IN AQUATIC ORGANISMS IN OIL REFINERY WASTE WATERS AND ASSIST IN DESIGN OF TREATMENT

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
DAPHNIA MAGNA	PHENOLS	X			X		X										X			18	12	116	X	70	74	X	X		X				
DAPHNIA MAGNA	COPPER	X			X		X										X			18	12	116	X	70	74	X	X		X				
DAPHNIA MAGNA	ZINC	X			X		X										X			18	12	116	X	70	74	X	X		X				
DAPHNIA MAGNA	CHROMIUM	X			X		X										X			18	12	116	X	70	74	X	X		X				
DAPHNIA MAGNA	CADMIUM	X			X		X										X			18	12	116	X	70	74	X	X		X				
DAPHNIA MAGNA	LEAD				X		X										X			18	12	116	X	70	74	X	X		X				
PIMEPHALES PROMELAS	PHENOLS	X			X		X										X			18	12	116	X	59		X	X		X				
PIMEPHALES PROMELAS	COPPER	X			X		X										X			18	12	116	X	59		X	X		X				
PIMEPHALES PROMELAS	ZINC	X			X		X										X			18	12	116	X	59		X	X		X				
PIMEPHALES PROMELAS	CHROMIUM	X			X		X										X			18	12	116	X	59		X	X		X				
PIMEPHALES PROMELAS	CADMIUM	X			X		X										X			18	12	116	X	59		X	X		X				
PIMEPHALES PROMELAS	LEAD				X		X										X			18	12	116	X	59		X	X		X				

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT(051) - WATER QUALITY MONITORING IN LAKE SHELBYVILLE DATA VALID AS OF 25/05/75

LEADER LARIMORE AND SMITH TELEPHONE 3336889 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	/	/
OPERATIONAL	/70	/80

SUB-PROGRAMME OF U.S. ARMY CORPS

PURPOSE OF PROJECT

TO DETERMINE CHANGES THROUGH PRE-IMPOUNDMENT/POST-IMPOUNDMENT PERIODS. MERCURY DETERMINATION IN FISH TO EVALUATE REPORTS OF LEVELS IN EXCESS OF ENVIRONMENTAL PROTECTION AGENCY'S STANDARDS

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NCTED	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMMRCL	AQUCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ICTALURUS PUNCTATUS	MERCURY-TOTAL	X	X	X							X				X				X	3	1	12		75	75		X					UNITED STATES	211
MICROPTERUS SALMOID	MERCURY-TOTAL	X	X	X							X				X				X	3	1	50		75	75		X					UNITED STATES	211
POMOXIS ANNULARIS	MERCURY-TOTAL	X	X	X							X				X				X	3	1	17		75	75		X					UNITED STATES	211
POMOXIS NIGROMACULA	MERCURY-TOTAL	X	X	X							X				X				X	3	1	24		75	75		X					UNITED STATES	211
STIZOSTEDION VITREU	MERCURY-TOTAL	X	X	X							X				X				X	3	1	19		75	75		X					UNITED STATES	211

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(681) HONOLULU LABORATORY UNITED STATES

NOAA-NMFS
SOUTHWEST FISHERIES CENTER
P.O. BOX 3830
HONOLULU, HAWAII 96812

PROJECT(064) - DISTRIBUTION ORGANIC MERCURY AND SELENIUM IN PACIFIC MARLIN   DATA VALID AS OF 11/06/75

LEADER   C. UNNINAYAR & B. ITO   TELEPHONE 9462181   TELEX/CABLE

FUNDING - NATIONAL CURRENCY   US DOLLAR EQUIVALENT -   .   STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	02/74	08/74
OPERATIONAL	08/74	06/75

SUB-PROGRAMME OF N/A

PURPOSE OF PROJECT

TO EXPAND KNOWLEDGE OF MERCURY FLUXES IN THE ENVIRONMENT DISTRIBUTION OF MERCURY IN PACIFIC BLUE MARLIN. RELATIONSHIP BETWEEN SELENIUM/MERCURY IN THE MARLIN HOW MERCURY ENTERS MARLIN

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MAKAIRA NIGRICANS	MERCURY-ORGANI	X	X	X					X							X			X	13	1	46		74	75		X					NORTHERN PACIFIC	233
MAKAIRA NIGRICANS	MERCURY-TOTAL	X	X	X					X							X			X	13	1	46		74	75		X					NORTHERN PACIFIC	233
MAKAIRA NIGRICANS	SELENIUM	X	X	X					X							X			X	13	1	46		74	75		X					NORTHERN PACIFIC	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(684) TEXAS PARKS AND WILDLIFE DEPARTMENT
JOHN H. REAGAN BLDG.
AUSTIN, TEXAS 78701
UNITED STATES

PROJECT(024) - STATEWIDE POLLUTION CONTROL PROJECT DATA VALID AS OF 07/05/75

LEADER JOE J. MAYHEW TELEPHONE 4754471 TELEX/CABLE NA

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CF

PROJECT STATUS	START DATE	END DATE
PLANNING	/70	/
OPERATIONAL	/70	CONTINUING

PURPOSE OF PROJECT

TO PREVENT/DISCOVER CONTAMINATION IN STATE WATERS WHICH WOULD ADVERSLY AFFECT AQUATIC LIFE

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
CYNOSCICN NEBULOSUS	DDE-PP	X	X	X					X						X					10	1			68			X					CARIBBEAN SEA AN	223
CYNOSCION NEBULOSUS	TDE-PP	X	X	X					X						X					10	1			68			X					CARIBBEAN SEA AN	223
CYNOSCION NEBULOSUS	DDT-PP	X	X	X					X						X					10	1			68			X					CARIBBEAN SEA AN	223
CYNOSCION NEBULOSUS	DDT-OP	X	X	X					X						X					10	1			68			X					CARIBBEAN SEA AN	223
ICTALURUS PUNCTATUS	BHC-GAMMA	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	DIELDRIN	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	DDE-PP	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	TDE-PP	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	DDT-PP	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	DDT-OP	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	COPPER	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	ZINC	X	X	X					X						X					20	1								X			UNITED STATES	212
ICTALURUS PUNCTATUS	LEAD	X	X	X					X						X					20	1								X			UNITED STATES	212

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(690) DEPARTMENT OF OCEANOGRAPHY -ECOSYSTEMS ANALYSIS GROUP UNITED STATES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

PROJECT(086) - CHEMICAL INHIBITION DATA VALID AS OF 12/06/75

LEADER SPYROS P. PAVLOU TELEPHONE 5430632 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	05/72	/
OPERATIONAL	09/72	CONTINUING

PURPOSE OF PROJECT

DETERMINE IMPACT OF IMPORTANT CHLORINATED HYDROCARBON COMPOUNDS ON LOW TROPHIC LEVEL ORGANISMS IN THE MARINE ENVIRONMENT;ESTABLISH FACTORS IMPORTANT TO THE TRANSPORT OF THESE CHEMICALS WITHIN COASTAL ECOSYSTEMS.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCTED	ICED	FROZEN	SALTED	DRIED	FORMOL	ALCHOL	OTHER	SAMPLE ORIGIN FIELD	COMMCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSES	PUBLSH	BIOASSAYS TOXCTY	FODCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
PLANKTON-PHYTO	DDT-TOTAL			X					X						X					80	1	40	X	73			X	X	X			NORTHERN PACIFIC	223
PLANKTON-PHYTO	PCB'S			X					X						X					80	1	40	X	73			X	X	X			NORTHERN PACIFIC	223
PLANKTON-PHYTO	DDT-TOTAL			X					X						X					20	1	20	X	73	74		X	X	X			NORTHERN PACIFIC	232
PLANKTON-PHYTO	PCB'S			X					X						X					20	1	20	X	73	74		X	X	X			NORTHERN PACIFIC	232
PLANKTON-ZOO	DDT-TOTAL			X		X			X						X					80	1	40	X	73			X	X	X			NORTHERN PACIFIC	223
PLANKTON-ZOO	PCB'S			X		X			X						X					80	1	40	X	73			X	X	X			NORTHERN PACIFIC	223
PLANKTON-ZOO	DDT-TOTAL			X					X						X					20	1	20	X	73	74		X	X	X			NORTHERN PACIFIC	232
PLANKTON-ZOO	PCB'S			X					X						X					20	1	20	X	73	74		X	X	X			NORTHERN PACIFIC	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(780) CENTRE FOR MARINE RESEARCH
RUDJER BOSKOVIC INSTITUTE
52210 ROVINJ

YUGOSLAVIA

PROJECT(006) - RADIOECOLOGY OF THE NORTHERN ADRIATIC DATA VALID AS OF 01/04/75

LEADER DR. STJEPAN KECKES TELEPHONE 052/81061 TELEX/CABLE AQUARLUMROVINJ

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS	START DATE	END DATE
PLANNING	01/69	12/69
OPERATIONAL	01/70	12/76

SUB-PROGRAMME OF RADIOACTIVE POLLUTION STUDY ADRI

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

TO PROVIDE BASELINE DATA ON RADIOACTIVE POLLUTANTS IN THE ADRIATIC ECOSYSTEM

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SUMWNTER	RAW DATA					BIOASSAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQCLTR	OTHER						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
ACETABULARIA MEDITE	BETA ACTIVITY-	X		X							X				X					1	3	3		70	75		X					MEDITERRANEAN SE	232
ACTINIA EQUINA	BETA ACTIVITY-	X		X							X				X					1	10	10		70	75		X					MEDITERRANEAN SE	232
APLYSIA ROSEA	BETA ACTIVITY-	X		X							X				X					1	5	5		70	75		X					MEDITERRANEAN SE	232
ARCA NOAE	BETA ACTIVITY-	X		X							X				X				X	1	9	9		70	75		X					MEDITERRANEAN SE	232
ASTROPECTEN AURANTI	BETA ACTIVITY-	X		X					X		X				X					2	3	14		70	75		X					MEDITERRANEAN SE	232
ASTROPECTEN IRREGUL	BETA ACTIVITY-	X		X					X		X				X					2	3	14		70	75		X					MEDITERRANEAN SE	232
CERAMIUM RUBRUM	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
CLADOPHORA PELLUCIA	BETA ACTIVITY-	X		X							X				X					1	5	5		70	75		X					MEDITERRANEAN SE	232
CODIUM BURSA	CE-141			X							X				X					1	2	2		73	75		X					MEDITERRANEAN SE	232
CODIUM BURSA	CE-144			X							X				X					1	2	2		73	75		X					MEDITERRANEAN SE	232
CODIUM BURSA	CD-115			X							X				X					1	2	2		73	75		X					MEDITERRANEAN SE	232
CODIUM BURSA	BETA ACTIVITY-	X		X							X				X					1	2	2		70	75		X					MEDITERRANEAN SE	232
CODIUM BURSA	RU-106	X		X							X				X					1	2	2		73	75		X					MEDITERRANEAN SE	232
CODIUM BURSA	ZR-95	X		X							X				X					1	2	2		73	75		X					MEDITERRANEAN SE	232
COLPOMENIA SINUOSA	BETA ACTIVITY-	X		X							X				X					1	3	3		70	75		X					MEDITERRANEAN SE	232
CORALLINA MEDITERRA	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
CYSTOSEIRA ABROTANI	BETA ACTIVITY-	X		X							X				X					1	11	11		70	75		X					MEDITERRANEAN SE	232
DICTYOTA DICHOTOMA	BETA ACTIVITY-	X		X							X				X					1	7	7		70	75		X					MEDITERRANEAN SE	232
DYSIDEA TUPHA	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
ECHINASTER SEPOSITU	BETA ACTIVITY-	X		X							X				X					2	3	14		70	75		X					MEDITERRANEAN SE	232
ENGRAULIS ENCRASICO	BETA ACTIVITY-	X		X					X		X					X			X	1	6	6		70	75		X					MEDITERRANEAN SE	233
ENTEROMORPHA INTEST	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
FUCUS VIRSOIDES	BETA ACTIVITY-	X		X							X				X					1	10	10		70	75		X					MEDITERRANEAN SE	232
GIBBULA ADRIATICA	BETA ACTIVITY-	X		X							X				X					1	11	11		70	75		X					MEDITERRANEAN SE	232
HALIMEDA TUNA	BETA ACTIVITY-	X		X							X				X					1	5	5		70	75		X					MEDITERRANEAN SE	232
HALOPTERIS SCOPARIA	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
HEMIMYCALE COLUMELL	BETA ACTIVITY-	X		X							X				X					1	3	3		70	75		X					MEDITERRANEAN SE	232
HOLOTHURIA FORSKALI	BETA ACTIVITY-	X		X							X				X					1	3	3		70	75		X					MEDITERRANEAN SE	232
HOLOTHURIA TUBULOSA	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
LAURENCIA OBTUSA	BETA ACTIVITY-	X		X							X				X					1	7	7		70	75		X					MEDITERRANEAN SE	232
LOLIGO VULGARIS	BETA ACTIVITY-	X		X							X					X			X	1	4	4		70	75		X					MEDITERRANEAN SE	233
MAJA SQUINADO	BETA ACTIVITY-	X		X							X					X			X	1	3	3		70	75		X					MEDITERRANEAN SE	232
MICROCOSMUS SULCATU	BETA ACTIVITY-	X		X							X				X				X	1	8	8		70	75		X					MEDITERRANEAN SE	232
MYCALE MASSA	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	BETA ACTIVITY-	X		X							X				X				X	1	11	11		70	75		X					MEDITERRANEAN SE	232
NEMALION HELMINITHO	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
NEPHROPS NORVEGICUS	BETA ACTIVITY-	X		X					X		X					X			X	1	3	3		70	75		X					MEDITERRANEAN SE	232
PADINA PAVONIA	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
PALAEMON SERRATUS	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
PARACENTROTUS LIVID	BETA ACTIVITY-	X		X							X				X					3	3	16		70	75		X					MEDITERRANEAN SE	232
PATELLA COERULEA	BETA ACTIVITY-	X		X							X				X				X	1	10	10		70	75		X					MEDITERRANEAN SE	232
PEYSSONELIA SQUAMAR	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
PHALLUSIA MAMMILATA	BETA ACTIVITY-	X		X							X				X					1	7	7		70	75		X					MEDITERRANEAN SE	232
PLANKTON-PHYTO	BETA ACTIVITY-	X		X					X		X				X					10	2	3	X	73	75		X					MEDITERRANEAN SE	233
PLANKTON-PHYTO	BETA ACTIVITY-	X		X							X				X					1	8	8		70	73		X	X				MEDITERRANEAN SE	233
PLANKTON-ZOO	BETA ACTIVITY-	X		X					X		X				X					27	2	17	X	73	75		X					MEDITERRANEAN SE	233
PLANKTON-ZOO	BETA ACTIVITY-	X		X							X				X					1	9	9		70	73		X	X				MEDITERRANEAN SE	233
RHODYMENIA PALMATA	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
SARDINA PILCHARDUS	BETA ACTIVITY-	X		X					X		X					X			X	1	7	7		70	75		X					MEDITERRANEAN SE	233
SCOMBER SCOMBRUS	BETA ACTIVITY-	X		X					X		X					X			X	1	8	8		70	75		X					MEDITERRANEAN SE	233
SCYTOSIPHON LOMENTA	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
SEPIA OFFICINALIS	BETA ACTIVITY-	X		X							X					X			X	1	3	3		70	75		X					MEDITERRANEAN SE	233
SPHAERECHINUS GRANU	BETA ACTIVITY-	X		X							X				X					1	3	3		70	75		X					MEDITERRANEAN SE	232
SPRATTUS SPRATTUS	BETA ACTIVITY-	X		X					X		X					X			X	1	3	3		70	75		X					MEDITERRANEAN SE	233
TETHYA AURANTIUM	BETA ACTIVITY-	X		X							X				X					1	4	4		70	75		X					MEDITERRANEAN SE	232
ULVA LACTUCA	BETA ACTIVITY-	X		X							X				X					1	5	5		70	75		X					MEDITERRANEAN SE	232
VALONIA UTRICULARIS	BETA ACTIVITY-	X		X							X				X					1	7	7		70	75		X					MEDITERRANEAN SE	232
VERONGIA AEROPHOBA	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232
VIDALIA VOLUBILIS	BETA ACTIVITY-	X		X							X				X					1	6	6		70	75		X					MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

DATE 771208 INSTITUTE(781) ZNANSTVENA JEDINICA INSTITUTA ZA OCEANOGRAFIJU I RIBARSTVO SPLIT BIOLOSKI ZAVOD DUBROVNIK 50000 DUBROVNIK YUGOSLAVIA

PROJECT(815) - PILOT PROJECT ON BASELINE STUDIES & MONITORING DATA VALID AS OF 16/02/77

LEADER DR.TOMO GAMULIN TELEPHONE 27937 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - . STAFF OF 4

PROJECT STATUS	START DATE	END DATE
PLANNING	/75	/76
OPERATIONAL	/76	CONTINUING

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

THE PURPOSE IS TO DETERMINE PRESENT LEVEL OF DDT, PCB, DIELDRIN, TDE, DDE, IN MONITORING. ORGANISMS SUGESTED BY FAO MYTILUS GALLOPROVINCIALIS, MULLUS BARBATUS & CARCINUS MEDITERRANEUS, IN COASTAL REGION OF EAST ADRIATIC (DUBROVNIK REGION)

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	PORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMCLR	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
MULLUS BARBATUS	DIELDRIN	X	X	X					X						X				X	3		20										MEDITERRANEAN SE	232
MULLUS BARBATUS	DDE-PP	X	X	X					X						X				X	3		20										MEDITERRANEAN SE	232
MULLUS BARBATUS	TDE-PP	X	X	X					X						X				X	3		20										MEDITERRANEAN SE	232
MULLUS BARBATUS	DDT-PP	X	X	X					X						X				X	3		20										MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DIELDRIN	X	X		X	X			X						X		X		X	3	4	40		76	76		X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDE-PP	X	X		X	X			X						X		X		X	3	4	40		76	76		X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	TDE-PP	X	X		X	X			X						X		X		X	3	4	40		76	76		X					MEDITERRANEAN SE	232
MYTILUS GALLOPROVIN	DDT-PP	X	X		X	X			X						X		X		X	3	4	40		76	76		X					MEDITERRANEAN SE	232
XANTHO HYDROPHILUS	DIELDRIN	X	X			X			X						X					3		40										MEDITERRANEAN SE	232
XANTHO HYDROPHILUS	DDE-PP	X	X			X			X						X					3		40										MEDITERRANEAN SE	232
XANTHO HYDROPHILUS	TDE-PP	X	X			X			X						X					3		40										MEDITERRANEAN SE	232
XANTHO HYDROPHILUS	DDT-PP	X	X			X			X						X					3		40										MEDITERRANEAN SE	232

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

PROJECT(046) - RESIDUES OF PESTICIDES, SEDIMENTS, AND ORGANISMS IN WATER DATA VALID AS OF 16/05/75

LEADER JERCA CENCELJ TELEPHONE 061323604 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF OF

PROJECT STATUS START DATE END DATE
PLANNING /72 /
OPERATIONAL /72 CONTINUING

SUB-PROGRAMME OF ENVIROMENT PROTECTION

PROJECT ATTEMPTS TO IDENTIFY POSSIBLE BIOLOGICAL ACCUMULATORS

PURPOSE OF PROJECT

DETERMINE STAGE OF WATER CONTAMINATION DIRECTLY/INDIRECTLY.

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CA LBRTD	SAMPLE DESCRPTN LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN FIELD	COMRCL	AQCLTR	OTHERS	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA YR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ASPRO STREBER	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ASPRO STREBER	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
CYPRINIDAE	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
ESOX LUCIUS	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
HUCHO HUCHO	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
PLANKTON	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210

DATE 771208 INSTITUTE(784) AGRICULTURE INSTITUTE OF SLOVENIA YUGOSLAVIA
HACQUETOVA 2,LJUBLJANA 61000

PROJECT(046) - RESIDUES OF PESTICIDES, SEDIMENTS, AND ORGANISMS IN WATER DATA VALID AS OF 16/05/75

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN				PRESERVATION METHOD								SAMPLE ORIGIN				HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA					BIOAS-SAYS			GEOGRAPHIC AREA	WAT COD
			LENGTH	WEIGHT	AGE	DEVSTG	NCT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	FIELD	COMRCL	AQ-CLTR	OTHERS						YR ST	YR EN	COMP	INHSE	PUBLSH	TOXCTY	FDCHN	OTHBIO		
SALMO LACUSTRIS	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO LACUSTRIS	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
SALMO TRUTTA	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	BHC-ALPHA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	BHC-GAMMA	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	DIELDRIN	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	DDE-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	DDT-PP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	DDT-OP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	DDT-TOTAL	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	ORGANOPHOSPHOR	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	CARBAMATE COMP	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	HERBICIDES	X	X	X	X	X			X								X						X									YUGOSLAVIA	210
THYMALLUS THYMALLUS	PCB'S	X	X	X	X	X			X								X						X									YUGOSLAVIA	210

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

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P.O.B. 110
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PROJECT(005) - MERCURY IN SMALL PELAGIC FISH OF THE ADRIATIC DATA VALID AS OF 03/04/75

LEADER MRS. MANDA KNEZEVIC TELEPHONE 24694 TELEX/CABLE

FUNDING - NATIONAL CURRENCY US DOLLAR EQUIVALENT - STAFF CP

PROJECT STATUS	START DATE	END DATE
PLANNING	01/75	12/75
OPERATIONAL	01/76	CONTINUING

PROJECT HAS AN INSPECTION/REGULATORY FUNCTION

PURPOSE OF PROJECT

TO ASCERTAIN THE AVERAGE QUANTITY OF MERCURY EXISTING IN FISH DESTINED FOR YUGOSLAVIAN FISH CANNERIES

DETAILS OF DATA COLLECTION/STORAGE

HOST SUBSTANCE	CONTAMINANT	CALBRTD	SAMPLE DESCRPTN: LENGTH	WEIGHT	AGE	DEVSTG	PRESERVATION METHOD: NOT	ICED	FROZEN	SALTED	DRIED	FORMLN	ALCOHL	OTHER	SAMPLE ORIGIN: FIELD	COMRCL	AQCLTR	OTHER	HUMCONSP	NUMB STNS	ANNL FREQ	NUMBER /YEAR	SIMWATER	RAW DATA: MYR ST	YR EN	COMP	INHSE	PUBLSH	BIOASSAYS: TOXCTY	FDCHN	OTHBIO	GEOGRAPHIC AREA	WAT COD
ENGRAULIS ENCRASICO	MERCURY-TOTAL		X	X					X							X			X	1	6	12		75			X					MEDITERRANEAN SE	233
SARDINA PILCHARDUS	MERCURY-TOTAL		X	X					X							X			X	1	6	12		75			X					MEDITERRANEAN SE	233
SCOMBER SCOMBRUS	MERCURY-TOTAL		X	X					X							X			X	1	6	12		75			X					MEDITERRANEAN SE	233

JOURNAL/REPORTS WITH PROJECT RESULTS PUBLISHED

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